

1947

I

U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

3321-3322. Leger + Bernard
3047-3072 - Lib. from the tower

Worked to 2200 10/2/47

Sub to Make

2050 + 51

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location-----Field H.
Size-----1/20 acre.

SOIL

Kind-----Prairie loam.
Position-----Somewhat rolling.
Previous crop-----Corn.

NAME AND CONDITION OF MACHINERY

Plow-----
Disk-----Osborn-----Sharp.
Harrow-----U Bar-----Good.
Seeder-----Monitor-----Good.

SEED

Variety-----Variable.
Weight per bushel-----Variable.
Source-----Variable.
Treatment-----Fanned clean and treated for smut.

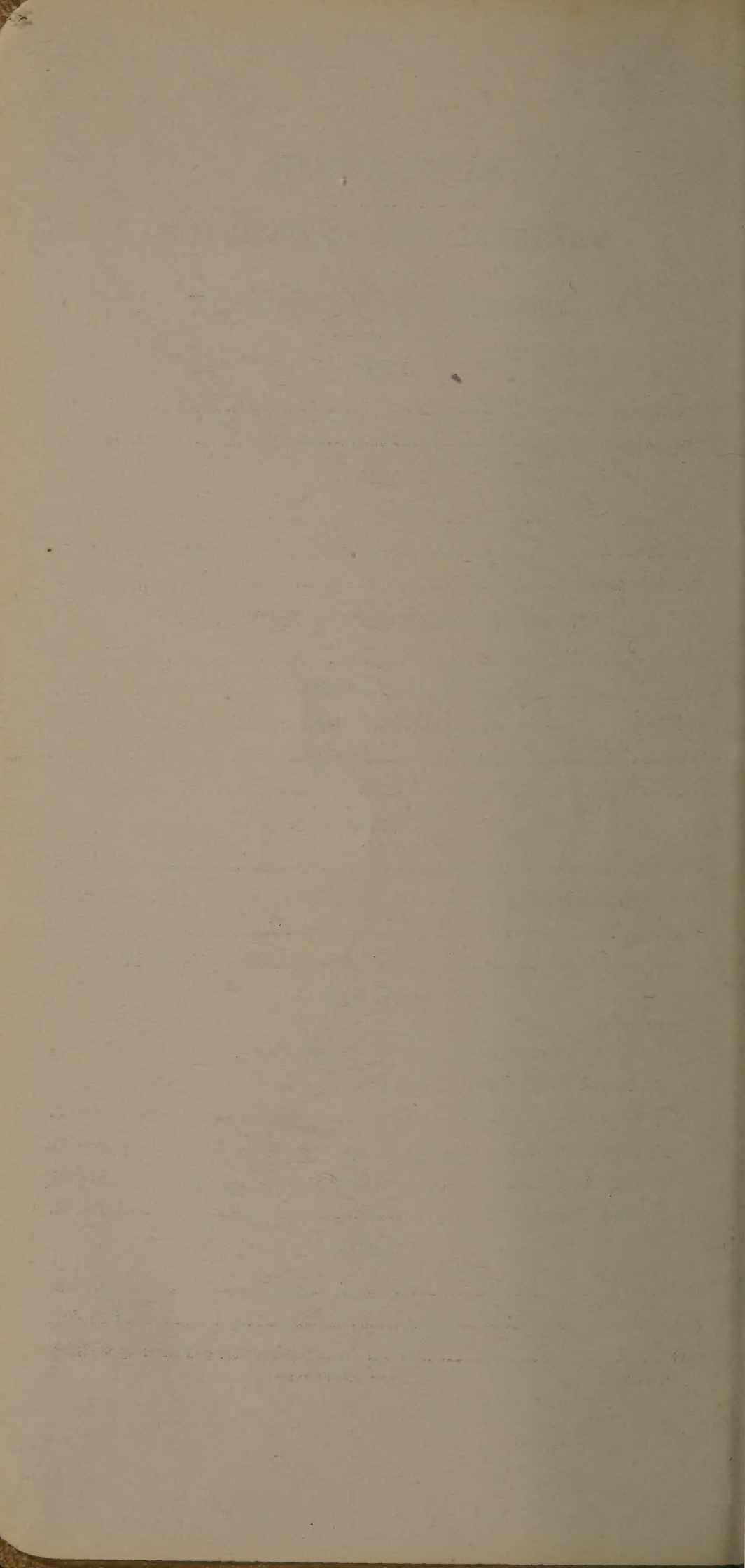
SEED BED

Preparation:

1. Disked (lapped half)-----4-6-'08.
2. Disked (lapped half)-----4-10-'08.
3. Harrowed-----4-10-'08.
4. Harrowed-----4-27-'08.
5. Seeded-----4-27-'08.
6. Harrowed-----4-27-'08.

SEEDING

Manner-----Drilled.
Date-----4-27-'08.
Rate-----3 bushels per acre by weight.



TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

_____ TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation :

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

2001	B4044A3-4-2-26, R-SBR x BR	5151
------	----------------------------	------

2002	"	✓
------	---	---

2003	" grows most too tall, but clean reg + sl gr (little short) BB + mat	✓
------	---	---

2004	"	✓
------	---	---

2005	B4045B44-1, -1 R-SBR x BR41	496
------	-----------------------------	-----

2006	"	-2 r
------	---	---------

2007	"	-3
------	---	----

2008	"	-4
------	---	----

B4045B 44-1-5R-SBR x BR41

2009

4964

"

-6

2010

Mid grain
gold

-7

Do not saw if
other side from this line
has been tested & found
undiscoverable

2011

Easily crushed

"

2012

"

-8

2013

"

-9

2014

"

-10

2015

"

-11

2016

are taller than
growth early

2017 B4045B44-1, R-SBRxBR41

496

2018

"

2019

"

2020 Smith Check

10V

2021 B4045B44-1, R-SBRxBR41

496

2022

"

496

2023 B4045B44-4

"

496

2024

"

4971 B4045B44-4 R-SBRvBR41 2025

"

2026

"

2027

"

2028

"

2029

4979 B4045B44-6,-1 2030

2

2031

"

3

2032

2033

B4045B44-6, -H-SBRx BR41

pls made short earl shan 497

Mr
early

shorter than zenith
gold bells med-grain
8 sils based

2034

B4045B44-8, -R-SBRx BR41

4985

2035

These sub prot no taller than
cp. " later gold bells "

2

2036

all are very much alike some
show some variation in hts.

3

2037

These sub prot no taller than
cp. " later "

4

2038

These sub prot no taller than
cp. " later "

5

2039

These sub prot no taller than
cp. " later "

20 48 6

all are very much alike some
show some variation in hts.

2040

Early protuberant ck

6 4

94945

B4045B44-8-7R-SBR>B441

2041

" -8

2042

" -9

2043

" -10

2044

" -11

2045

" -12

2046

" -13

2047

" -14

2048

HN

B4045B44-8-15-SBRxBR41

2049

4985

2050 No taller than ⁻¹⁶ ¹⁸ seeds sars
Straw, Uniform longer gr. than 2
considerable variation in grain length &
headth. some like 2, some much more light & longer

2051 also very short straw, shorter ⁻¹⁷ 4985
(17) than 2050 good early type
B4045B44-8-18

2052

4987

2053 " ⁻¹⁹
(8) Earlier than 4985 rows

2054

2055

2056

987+987

B4045B44-8, R-SBRxBR4/

2057

"

2058

"

987+987

2059

87

✓ 2 Hill Long check

2060

4990

B4045A1-2-3, R-SBRxBR4/

2061

"

2062

"

2063

"

2064

B4045 A1-2-3, R-SRRx BR41

2065

49904

"

2066

"

2067

"

2068

"

2069

"

2070

"

2071

"

2072

90 f990

B4045A1-2-3, R-SBR x BR41

2073

"

2074

"

2075

"

f990

2076

B4045A1-4-2, R-SBR x BR41

5007

2077

"

2078

"

2079

✓ 6 Early Prolific' chick

2080

B4045A1-4-2, R-SBR, BK41

500750

2081

"

2082

"

2083

"

2084

"

2085

"

2086

"

500750

2087

B4045A1-4-2,

"

500850

2088

5008

B4045A1-4-2, R-S BR 1 BR 41

2089

"

2090

"

2091

"

2092

"

2093

"

2094

"

5008

2095

5056

B3810B44-16, S-EP x CA - Cdy

2096

B3810 B44-16, S-EPx CA-Cdy

5056

2097

"

2098

"

2099

smith chuck

10v

2100

B3810 B44-16, S-EPx CA-Cdy

2101

"

5056

2102

B3810 B44-28, S-EPx CA-Cdy

5073

2103

"

-v

2104

073

B3810B44-28-3-EP, CA-*Chy*

2105

" - 4

2106

all very much alike
rather tall
only med. gr. type
"

- 5

2107

- 6

2108
Ln

- 7

2109

- 8

2110

073

2111

078

B3810A17-1-1
constant type

2112

B 3810 A17-1-1 S-EP, CA - Cdy
Co resistant type 5078

2113

"

2114

"

2115

"

2116

"

Co resistant, similar to original 5078
2117 shorter body, shorter straw than
Magnolia

~~Mr~~

B 3810 A17-1-1, roque " (Fish 1945 semiclub type) 5091

2118

"

2119

Magnolia check

11v

2120

5091	^{roque} B3810A17-1, S-EPx CA- (F1 in 1945, semi club type)	2121
5091	"	2122
F4 241	B432A3-1, B41-3299x (R-SBR x BR)	2123
	"	2124
	Semi compact Hd. ^{Rough} U. early, long field, short stem U. Uniform Hd + grain <u>adu</u> <u>lin</u>	2125
	"	2126
	"	2127
	"	2128

F4 2129	B 432 A 3-1,	B 41-3299x (R-SBR x BR)	5241
------------	--------------	-------------------------	------

2130	"		
------	---	--	--

2131	"		
------	---	--	--

2132	"		
------	---	--	--

2133	"		
------	---	--	--

2134	"		
------	---	--	--

2135	"		
------	---	--	--

2136	"		
------	---	--	--

F4 241	B432A3-1, B41-3299x(R-SBR, BR)	2137
	"	2138
	"	2139
✓ 6	Early Prolific chick	2140
F4 241	B432A3-1, B41-3299x(R-SBR, BR)	2141
F4 292	B432A5-3, "	2142
	"	2143
	"	2144

Fy

B432AS-3, B41-3299X (R-SBR1BR)

2145

5292

"

2146

"

2147

5292

Fy

B432AS-5,

"

2148

5326

"

2149

"

2150

"

2151

"

2152

F4 B432A5-5, B41-3299x(R-SBRxBR)
326 2153

326 2154

F4 B433A1-4, B41-3299x(R-SBRxBR41)
349 2155

" 2156

" 2157

" 2158

" 2159

-10 zenith check 2160

F4 B433A1-4, B41-3299x(R-SBRxBR41)
5349

2161

2162

Early "

Ho

"

2163

"

2164

"

5349

2165

F4 B433A2-L-1 B41-3299x(R-SBRxBR41)
5392

2166

" - 2

2167

2168

" - 3
P Very long sl grain type
'Segr. met Some look very good

long of grain type
early work

F4 B433A2-6, 441-3299X (R-SBR x BR41)

5392

2169

one of previous (hair mutant)

long slender from type

1. hair shorter

"-5

rather tall

"-6

2170

2171

"-7

meant type of hair a regular
Thicker grain types than this case may be

"-8

2172

2173

"-9

2174

"-10

2175

F4 B433A2-7, 441-3299X (R-SBR x BR41)

5397

2m 1946 looked like BR but with maturity

2176

F4
2177

B433A2-7, B41-3299x(R-SBRxBR41)
5397

2178

"

2179

Early Prologue

6 ✓

2180

F4 B433A2-7, B41-3299x(R-SBRxBR41)

2181

"

2182

"

2183

"

2184

looked like BR 7 found many in
1946

Fy B433A2-7, B4-32991 (P. SBR & BR41)						2185
397	"					2186
	"					2187
	"					2188
	"					2189
	"					2190
397	"					2191
397	"					2192

are all very much alike a rather old green
almost as long as BR, short green stems
very thick

F4 B433A2-7, B4H-3299X (R-SEP, BR41)
2193 5397

"

2194

"

2195

"

2196

"

2197

"

2198

~~Dr~~

"

5397

2199

Zinith Check

104

2200

F4 B437A1-6-B4112A5-5x8323
 413 (good strain in 1946)

2201

" 2

2202

" 3

2203

" 4

2204

" 5

2205

" 6

2206

" 7

2207

" 8

2208

F4
2209

B437A1-6, ~~B4112A5-5 X 8323~~

5413

2210

~~25~~ 11

5413

F4
2211

B437A1-7,

"

5414

2212

"

"

2213

"

2214

"

2215

"

2216

F4 413	B437A1-6	B412A5-5 x 8323	2217
F4 413	"	"	2218
F4 419	B437A1-12-1	(Excellent stand in 1946)	2219
✓6	Early Prolifer check		2220
F4 419	B437A1-12-2	B412A5-5 x 8323	2221
	(Excellent stand in 1946)		
	appear to be later than 3222	oil slower ripening	2222
	"	thick smooth, bud-type	
	"	vigorous, no taller than 2	2223
	"	Very strong, wiry, like	
		8323, green vegetation	2224

F4
2225

B437A1-12 - B442A5-5X 8323
(excellent stem in 1946)

5419

W

2226

2227

2228

2229

2230

2231

2232

are all v. much alike, except
2231 which is very tall. Have long
" wood, coarse grained, banded. value 7
" 8
" 9
" 10
" 11
" 12
" 13

54

E4 425	B437A1-17, B4112A5-5x8323		2233
	"		2234
	"		2235
425	"		2236
E4 427	B437A1-19,	"	2237
	"		2238
	"		2239
5	" Magnoliai check		2240

F4 B437A1-19, B4112A5-5 x 8328	5427
2241	

F4 B437A1-23,	"	5431
2242		

2243	as very short threaded	5431
------	------------------------	------

F4 B437A1-25-1	"	5433
2244		

2245	"	2
------	---	---

2246	"	3
------	---	---

2247	"	4
not as easily threaded as some		

2248	"	5434
------	---	------

F4 B4310A1-3 B411245-8 x RP41-EP

450

2249

Smooth side.
(typical EP type in 1946)

"

2250

"

2251

"

2252

"

2253

"

2254

"

2255

"

2256

are all very
types
med-gr thickened (med firm)
good smooth
much alike, not exactly
appear between them top

Rough sub.

F4 B4310A1-3, B4112A5-8 x BP41-EP
2257 5450

2258

1

2259

"

2260 zenith check

✓

F4 B4310A1-3, B4112A5-8 x BP41-EP
2261

5450

2262

"

5450

F4 B4310A1-8,
2263

"

5450

2264

"

5450

F4 B4310A1-8, B4112A5-8, BR41-8p
455 2301

"

2302

"

2303

F4 B4310A1-20, " 2304
468

"

2305

"

2306

"

2307

"

2308

F4 2309	B4310A1-20	B4112A5-8x BK41-EP	5468
------------	------------	--------------------	------

2310	"		
------	---	--	--

2311	"		
------	---	--	--

2312	"		
------	---	--	--

2313	"		
------	---	--	--

2314	"		
------	---	--	--

2315	"		
------	---	--	--

This line has a shorter grain than previous lines, similar growth habit & maturity
 Easily threshed

5468

F4 2316	B4310A1-23 V good	B4112A5-8x BK41-EP 2nd type in 1946	5471
------------	----------------------	--	------

F4 B4310A1-23 B4112A5-8x BP41-EP
471 V. good Zinnia type in 1946 2317

"

2318

"

2319

✓ 6 Early Prolific check 2320

F4 B4310A1-23, B4112A5-8x BP41-EP
471 V. good Zinnia type in 1946 2321

"

471 2322

F4 B4310A1-29 B4112A5-8x BP41-EP
477 2323

"

2324

2325	F4 B4310A1-29	B4112A58 x BR41-EP	5477
------	---------------	--------------------	------

2326	"		
------	---	--	--

2327	"		
------	---	--	--

2328	"		
------	---	--	--

2329	"		
------	---	--	--

2330	"		
------	---	--	--

2331	"		
------	---	--	--

2332	"		
------	---	--	--

Rather small seeded, like #1120
Reasonably easy to thresh
Smooth & round

✓ good Zenith type, very long below in 1946

19

F4 477	B4310A1-29, B4112A5-8x B41-EP	2333
-----------	-------------------------------	------

F4 475	B4310A1-25 (very stiff shown in 1946)	2334
-----------	--	------

"		2335
---	--	------

"		2336
---	--	------

"		2337
---	--	------

475	"	2338
-----	---	------

F4 477	B4310A1-29	"	2339
-----------	------------	---	------

10	Zenith check	2340
----	--------------	------

very good Zinnit type n 14 1/2

F4 B4310A1-29, B4112A5-8x BR41-EP
2341 5477

2342 "

2343 "

2344 " 5477

F4 B4310A4-19, B4112A5-8x BR41-EP
2345 5497

2346 "

2347 "

2348 "

F4 497	B4310A4-19	B4112A5-81 BR41-EP	2349
-----------	------------	--------------------	------

F4 311	B4311A5-1, B4112A5-81	8323-2	2350
-----------	-----------------------	--------	------

"

2351

"

2352

"

2353

"

2354

"

2355

"

311			2356
-----	--	--	------

Fy B4311A1-1, B4112A5-8 x 8323-2

2357

5511

2358

2359

5511

2360 // Magnolia Creek

v

Fy B4311A1-20, B4112A5-8 x 8323-2

2361

552

2362

2363

552

Fy B4311A1-36

2364

552

554	Fx B4311A2-6, B4112A5-8x 8323-1/2	2365
-----	-----------------------------------	------

	"	
--	---	--

2366

	"	
--	---	--

2367

554	"	
-----	---	--

2368

554b	B4311A1-37, 1	"	2369
------	---------------	---	------

	" - 2	
--	-------	--

2370

	" - 3	
--	-------	--

2371

554c	" - 4	
------	-------	--

2372

2373

F4

B4311A1-30, B4112A5-2x8323-2

5538

2374

"

2375

"

2376

"

2377

"

5538

2378

F4

B4311A1-37,

"

5546

2379

"

2380

10 Genith duck

106

F4 B4311A1-37, B4112A5-8x8323-12
546 2381

2382

2383

2384

2385

2386

F4 B4311A2-9-1

2387

2388

" Very good
found several short
early lines, good
gram types
fairly easy to track

Fy 576 B4311A2-27, B4112A58x8323-2 2397

"

2398

"

2399

✓ 6

Early Prolific

2400

Fy B4311A2-27, B4112A58x8323-2 2401

"

2402

"

2403

"

2404

Fd B4311A2-27; B412A5-P x8323-2
 2405 5571

2406 Considerable "

2407 "

2408 "

2409 Rather broad granae! Some slightly Early form.

2410 "

2411 "

2412 "

F4 B4311A2-27, B4112A5-8 x 8323-2
576 2413

"

2414

" - 2

2415

"

576

2416

F4 B4311A2-35, B4112A5-8 x 8323-2
585 2417

"

2418

"

2419

✓ 11 Magnolia check 2420

F4 B4311A2-35, B4112A5-2x8523-Z
2421 5585

"
2422

"
2423

"
2424

"
2425

"
2426 5585

"
2427

2428 fresh later than Z

~~HA~~

green show

good fossil grain Smith

F4 585	B421A2-35, B412A5-8x 8323-2		2429
	"		2430
	"		2431
585	"		2432
F4 589	B421A3-3,	"	2433
	"		2434
	"		2435
	"		2436

2437 Fy B4311A3-3, B4112A5-8 x 8323-2 5589

2438 Fy B4311A3-11, " 5597

2439 "

2440 10 - Zenith check ✓

2441 Fy B4311A3-11, B4112A5-8 x 8323-2

2442 "

2443 "

2444 "

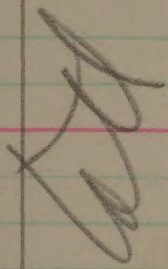
Fy 597	B4211A3-11, B412A58x8323-2	2445
-----------	----------------------------	------

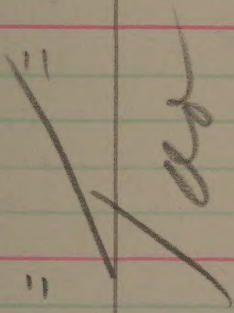
Fy 501	B4311A3-14, "	2446
-----------	---------------	------

"		2447
---	--	------

"		2448
---	--	------

"		2449
---	--	------

"		2450
---	---	------

"		2451
---	---	------

"		2452
---	--	------

F4 B4311A3-14, B4112A5-2 x 8323-2

2453

5601 56

2454

"

2455

"

2456

"

5601

F4
2457

B4311A3-16,

"

5603

2458

"

2459

"

2460

Early Prolific check

6 ✓

F4 B4311A3-16, B4112A5-8 x 8323-8
663 2461

"
663 2462

F4 B4311A3-18-1
605 Excellent Smith grain type
Short v. green stem adv Adv 2463

" -2 2464

Much variation in time of maturity and
ht. of plant. Pick the outstanding line
in this cross. Watch v. closely.
" 2465

" 2466

" -3 2467

" -4
v. short stem +
v. early.
appear uniform 2468
Adv

85
F4 B4311A3-18, B4112A5-8x P323-2
2469 5605

2470 v. short stem¹¹ -5 & v. early
quite uniform

2471 " -6

2472 " -7

2473 v. short¹¹ & v. early

2474 v. short¹¹ & v. early ✓ 5605

F4 B4311A3-23, " 5610
2475

2476 "

F4 B4311A 3-23, B412A 5-8x 8323-R 2477
610

for grain shape

"

2478

"

2479

vii Magnolia check 2480

F4 B4311A 3-23, B412A 5-8x 8323-R 2481

"

2482

"

2483

"

2484

Extremely early
short stem
grain shape only fair

F4 B4311A3-42, B4112A5-8 x B322-7
2485 5630

2486 "

2487 "

2488 "

2489 "

2490 "

2491 " -5
good looking rough line 5630

F4 B4318A5-12, B3715A36-6 x B323
2492 5644

Fy B4318A 5-12, -2 B3715A 36-6 x 8323
644 2493

" 3 2494

" 4 2495

" 5 2496

" 6 2497

" 7 2498
free thrashing, reduced leaf-area type
Early

" -8 2499

-10 zenith check 2500

02
F4 B43/8A5-12, B3715A36-6 x 8322 5644

2502 "

F4 B4356A1-12, 8326 x 8323-2 5661

2504 "

2505 "

2506 "

2507 "

2508 "

F4 B4356A1-12, 8326 x 8328-2
 2509

F4 B4356A1-27, 2510

2511

2512

2513

2514

2515

F4 B4356A1-31, 2516

Early later than most 43/14 lines
 good heavy strain, small seeded, excellent gr. type
 " "
 " "
 " "

576

581

2517 F4 B4356A1-31, 8326 X 8323-2 5681

2518

Early short beaver
straw than sp.
Early threshed "
V. sturdy straw types

2519

2520 Early Prolific, check 6 ✓

2521 F4 B4356A1-31, 8326 X 8323-2

2522

"

5681

2523 F4 B4356A1-32-1 " 5682

2524

"

F4 B4356 A1-82, 8326 x 8328-2
 2525

"

2526

"

2527

"

2528

"

2529

"

2530

8.82

Stock dick Early.

8.76

2531

"

appears to be same as Dick Low
 Dr

2532

2533	Stock duck Early Rex	4876
2534	"	
2535	"	
2536	"	
2537	"	4876
2538	B4031A 1-1-6-3-1P1 R-SKK	4883
2539	-211	
2540	B4031A 1-3-3, duck	1 ✓

B403/A1-1-6-3-BP x R-SBK

888

a straw hulled sel.

about BBT maturity, v. uniform
rather short straw, ~~thick~~ thickened

" - 4

2541

Hr

2542

" - 5

2543

" - 6

2544

R-SBK sel. (41-10609)

888

2545

B403/A1-1-1-2-1-JP x R-SBK

888

2546

Hr

" - 2

2547

Hr

" - 3

2548

Hr

2549

Hr

B403/A1-1-1-2, -1-7⁴ P. R. SBR

4895

2550

Hr

2551

Hr

2552

Hr

2553

Hr

2554

Hr

2555

Hr

2556

Hr

Are all very much alike, V. long sl. gran. type
of highest quality. are prob. same as #31 altho they may
be later maturing.

Hr all rows and Adm.

Are same as #219 in single yield
or R.S.B.R. Prob a little later than used

Has shorter largest than
than some
Adm.

-5

-6

-7

-8

-10

-11

B403/A1-1-1-2-1-12 TP x R-SBR

2557

1/4

B403/A1-1-8-4-1

2558

896
are prob. earlier
than 4885 lines
are shorter granular
+ shape tied back
much more on
10% than 4885 line
10ms
Variable grain length

-2

2559

(3)

-2 Hill Long Check

2560

B403/A1-1-8-4-3 TP x R-SBR

2561

"

-4

2562

"

-5

2563

"

-6

2564

B4031A1-1-8-4-5-75-TPX R-515R

4896

2601

Hu

" -8

2602

Hu

" -9

2603

Hu

#31

-10

2604

gran shapes more like

-11

2605

-12

2606

4885 lime for gran

2607

gran

13

2608

Hu

not as good as
shape

-14

B 403/A1-1-8-4-7
P-R-S-BK

896

Longer than average grain
v. slender

2609

Nu

" - 16

896

2610

Hell med (constant)

912

44-2647-3-1-1

2611

Nu

- 2

2612

Nu

- 3

2613

Nu

- 4

2614

Nu

- 5

2615

Nu

- 6

912

2616

Nu

2617

Hull-Hel

324

2618

Hull-Hel

324

2619

Same as 2621

6124

2620

S41-10609

R-S BK check

5-

2621

6124

2622

Hull-Hel B45-2253

6120

2623

Same "

6120

2624

"

6119

119	Heel tel	B45-2253	2625
119	Same	"	2626
119		"	2627
119	Same	"	2628
119		"	2629
119	Heel tel.		2630
	"		2631
	"		2632

2633

Hill Sel. (med)

4915

2634

1

4915

2635

F1 in Hill Long

4920

2636

all are same.
not a cross

2637

4920

2638

Hill med x Hill Long (probable)

B 465048-2-1

4926

2639

11

-2

2640

Hill Long check

21

1926	Heil med x Heil Lang (probably) B46-508-2-3	2641
	" 4	2642
	" 5	2643
	" 6	2644
	" 7	2645
	" 8 Long grain type	2646 <u>Hu</u>
	" 9	2647
	" 10	2648

2649	Heel med x Heel Long (probable) 2-11	4926
------	---	------

2650	" - 12	
------	--------	--

2651	" 13	
------	------	--

2652	" - 14	
------	--------	--

2653	" - 15	4926
------	--------	------

2654	Heel sel (med) x Genet? 45-15-1-1	4929
------	--------------------------------------	------

2655	" good Genet types - 2 So taller & later than others	
------	--	--

2656	" - 3	
------	-------	--

929	Heel Sel (med)	1-4	2657
	good Zenith Type	although	
	"	-5	2658
	"	-6	2659
✓ 10	Zenith check		2660
	Heel Sel (med)	1-7	2661
	"	-8	2662
	"	-9	2663
	"	-10	2664

2665

Heel Sel. (red) 1-11

4929

2666

"

-12

2667

"

-13

Breeding time (gold)

4929

Av
advH. large gram than Zentth
shorter staying v. good show

Heel Sel (red)

2668

4930

2669

"

2670

"

2671

"

2672

"

930	Heel Sel (med)	2673
	"	2674
	"	2675
930	"	2676
931	Heel Med x Zenith or Zenith	2677
	"	2678
	"	2679
v 10	zenith check	2680

2681

Hellmut & Kenneth or Smith

49318

2682

h

4931

2683

B4045A 1-4-2, R-S BR, BR41

5009

2684

"

2685

"

2686

"

5009

2687

"

5012

2688

B404SA1-42, R-SRP, BRV)

2689

"

2690

"

2691

"

2692

"

2693

"

2694

"

2695

"

2696

2637

B 4045 A1-42, R-SCKY BR41

5012

2638

"

2639

"

2700

B 4031 A1-33, TP R-SCK ch 1 -

2701

B 4045 A1-42, R-SCKY BR41

2702

"

2703

"

2704

"

5012

1857

B4044A 3-5-2, R-SER x BK

2705

1

2706

1

2707

1

2708

1

2709

1

2710

1

2711

1

2712

2713

B4044A3-S-2, R-SBK x BK

4957

2714

"

2715

"

4957

F4
2716

B432A3-

B41-3299x(R-SBK x BK

5226

2717

"

2718

"

2719

"

2720

zenith check

10 L

F4 -226	B432A3-	B41-5299x(R-SBK x BK)	2721
	"		2722
	"		2723
S226	"		2724
S16	B4044A 3-4-2,	R-SBK x BK	2725
	"		2726
	"		2727
	"		2728

2729

B4044A3-4-2, P-SBR, BR

5016

2730

"

2731

"

2732

"

2733

"

2734

"

2735

"

2736

"

216

B4044A3-4-2, R-SBR x BR

2737

"

2738

"

2739

- B4045B44-8, R-SBR x BR41
26. chick

2740

B4044A3-4-3, R-SBR x BR

216

2741

-4
598

B433A2-

B41-3299 x (R-SBR x BR41)

2742

"

2743

"

2744

F4 B433A2; B41-3299x(R-SBRxBR41)
2745 5396

2746 "

2747 "

2748 "

2749 "

2750 "

5398

2751 Nail Set (nail)
45-15-4-1

4932

2752 "

- 2

2753	Heel sel (med) 45-35-4-3	
2754	" -4	
2755	" -5	Are more like 40x49 x 40x5 Alms
2756	" -6	Too tall & grain rather coarse for this
2757	" -7	
2758	" -8	mod part
2759	" -9	
2760	- 10 zenith, check.	

2761

Heel sel (med)
45-15-4-10

4932

2762

"

-11

2763

"

-12

2764

"

-13

2765

"

-14

2766

"

-15

2767

"

-16

2768

"

-17

932

Hill Sel (med)
45-15-4-18

2769

"

- 19

2770

"

- 20

2771

"

- 21

2772

"

- 22

2773

32

"

45-15-5-1

2774

33

"

- 2

2775

"

- 3

2776

2777

Heel Sel (med)

4933

2778

"

2779

"

2780

zenith check

101-

2781

Heel Sel (med)

a very good Zenith type
 Same but 1/2 pint + 1/2 pint bobbed
 v. good gold & straw

2782

"

2783

"

2784

"

933	Hell Sel (med)	2785
933	"	2786
934	"	2787
	"	2788
	"	2789
	"	2790
	"	2791
	"	2792

2793	Heel sel (med)	4934
------	----------------	------

2794	"	4934
------	---	------

2795	F, in B46-28	28
------	--------------	----

2796	Same as above	
------	---------------	--

2797	Heel sel (med)	4944
------	----------------	------

2798	"	
------	---	--

2799	"	
------	---	--

2800	B4045B44-8, check check	26v
------	----------------------------	-----

34	1944	Hall Sel (med)	2801
34		"	2802
28		"	2803
		"	2804
194		"	2805
		"	2806
		"	2807
20	1944	"	2808

2809

Hill's Mel. Sel.

4943

2810

"

2811

"

2812

"

2813

"

2814

"

2815

"

2816

"

943	Hell Mud sel	2817
943	"	2818
942	"	2819
L-10	Genith check	2820
	Hell Mud sel	2821
	"	2822
	"	2823
	"	2824

2825 *Heel mud sel*

4942

2826 "

2827 "

2828 "

2829 "

2830 "

2831 "

2832 "

4942

Bill Med Sel

1941

2833

h

2834

h

2835

h

2836

h

2837

h

1941

2838

h

1939

2839

4-10 *zenith check*

2840

2841

Heil mud sel

4939

2842

"

2843

"

2844

"

2845

"

2846

"

2847

"

2848

"

4939

938

Hell Med Sel

2849

"

2850

"

2851

"

2852

"

2853

"

2854

"

2855

"

2856

2857	Heel mud sel			4938
2858	"			4938
2859	"	-1		4937
2860	B4045A44-8 3/4" Chick	R-SBP1BP4/ 2		26
2861	Heel mud sel	3		
2862	"	4		
2863	"	5		
2864	"	6		

4937

Hill Mud Seal 7

2901

"

8

2902

"

9

2903

"

10

2904

"

11

2905

"

12

2906

"

13

2907

"

14

2908

F3 2909	Heel Long x Rough Hull Fr Sels from Heel Long x Rough Hull	4935 +4936
------------	---	---------------

2910	"	
------	---	--

2911	"	
------	---	--

2912	"	
------	---	--

2913	"	
------	---	--

2914	"	
------	---	--

2915	"	
------	---	--

2916	"	
------	---	--

F
+935+
1936 Hill Lang x Rough hull 2917

"

2918

"

2919

5 R x S B K check
S 41-10609 2920

F3 Hill Lang x Rough Hull 2921

"

2922

"

2923

"

2924

2925

F₂

Hill Long x Rough hull

49350
4936

2926

"

type

2927

"

Long sl

2928

"

to type 1 mat

2929

"

And E v mid

2930

"

v. wide reg. as to

2931

"

2932

B4044A 3-1-1-5, R-SBR x BR

4945

4945 B4044A3-1-1-5, R-SBR x BR	2933
"	2934
"	2935
"	2936
"	2937
"	2938
"	2939
2 Hill Long Check	2940

2941

B4044A3-1-1-S, R-SBR x BR 445

2942

"

2943

"

2944

"

2945

"

2946

"

2947

"

2948

"

5130 B4044A3-42-11, R-SBR, BK.

2949

11

2950

11

2951

11

2952

11

2953

11

2954

11

2955

11

2956

2957	B4044A3-4-2-11, R-SBR, BK	5130
2958	"	
2959	"	
2960	zenith check	10 ✓
2961	B4044A3-4-2-11, R-SBR, BK	
2962	"	5131
2963	"	5131
2964	"	

5131 B 4044A 3-4-2-11, R-SRX BK

2965

1.

2966

"

2967

"

2968

"

2969

"

2970

"

2971

"

2972

2973

B4044A3-4-2-11, R-SBR, BR

5131

2974

"

2975

"

2976

"

2977

"

2978

B4044A3-4-2-16

5135

2979

"

2980

Smith check

10

5135 B 4044A 3-4-2-16, RSKP YBK ~~2980~~
2981

" ~~2981~~
2982

" ~~2982~~
2983

" ~~2983~~
2984

" ~~2984~~
2985

" ~~2985~~
2986

" ~~2986~~
2987

5136 a short "stained Bk type
Smooth, No Co. ~~2987~~
2988
Hr

B 4044A3-4-2-16, RSBKXBR

5136

~~3014~~
2989~~3015~~
2990~~3016~~
2991~~3017~~
2992~~3018~~
2993~~3019~~
2994~~3020~~
2995~~3021~~
2996

5138

1138

B4044A3-4-2-16, R-SBR x BK

~~3022~~

2397

"

~~3023~~

2398

"

~~3024~~

2399

26

B4045B44-8, R-SBR x BK41 check

~~3025~~

3000

B4044A3-4-2-16, R-SBR x BK

~~3026~~

3001

"

~~3027~~

3002

"

~~3028~~

3003

"

~~3029~~

3004

~~3004~~
3005

B4044A3-4-2-16, R.SBR, BK

5138

3006

"

3007

"

3008

"

3009

"

3010

"

3011

B4044A3-4-2-17,

"

5139

3012

"

2139

B4044A3-4-2-17, R-SBRPK

3013

"

3014

"

3015

"

3016

"

3017

"

3018

"

3019

10

growth, check

3020

3021

B4044A 3-4-2-17, R-SKPxSK

5139

3022

"

3023

"

3024

"

3025

B4044A 3-4-2-18,

"

5142

3026

"

3027

"

3028

"

5142 B4044A3-4-2-18, R-SBK1BR 3029

"

3030

"

3031

"

3032

"

3033

"

3034

147

"

3035

"

3036

3037

B4044A3-4-2-18, R-SBR x BR

5147

3038

"

3039

"

3040

Early Prolytic, Check

6

3041

B4044A3-4-2-18, R-SBR x BR

3042

"

3043

"

3044

"

B4044A3-4-2-18, K-SKK-BK

547

3045

3046

S41-10609 Sel.

548

3047

"

3048

"

3049

"

3050

"

3051

"

3052

Legen + Bernard material

3053

S41-10609 sel
R-SBR

Desno
1946

3054

"

HW

a smooth top grain type
short bag straw, wide stems

3055

"

3056

"

3057

"

3058

"

3059

"

3060

S41-10609 check

51

Legs and Bernard material

541-10609, 501

3061

Series
1946

"

3062

"

3063

"

3064

"

3065

"

3066

"

3067

"

3068

common with 10609 & 10610

3069

541-10609 Sel.
R-SBK

R

Set of 10
Speedy
Ruger

3070

"

3071

"

~~3072~~

"

~~3073~~

~~3074~~

~~3075~~

Remembered as 3701

76

77

78

79

80

4796

"

"

"

not a check

4796- ✓ 54-10609 Sel

3101

3

"

3102

4

"

3103

5

"

3104

6

"

3105

7

"

3106

4797-1 Bluebonnet type

3107

BBT type

3108

Stand more erect than Parent,
V. early plants, good grain types

3109

541-10609 Sel (BBT type) 4797

3110

"

"

3111

"

"

3112

"

"

3113

"

"

3114

"

"

Very much like 47-44 or 46-4799

3115

541-10609 Sel (x BBT?) 4798

3116

"

"

4798	S41-10609 Sel (x BBL?)	3117
	" "	3118
	" "	3119
2	Heel Long Check	3120
	S41-10609 Sel (x BBL?) a more slender grain type than 6-4799 or 47-47	3121
	" "	3122
	" "	3123
4799-	S41-10609 Sel (BBL type)	3124 <u>Hv</u>

3125

S41-10609 Sel-2 (BB type)

4799

3126

"

-3

"

3127

"

-4

"

3128

"

-5

"

3129

"

-6

"

3130

"

-7

"

3131

"

-8

"

14r

3132

S41-10609 Sel. (v. gr. stem m. 46)

4803-1

803-2 541-10609 Sal (V green stone in '41) 3133

-3 " " 3134

-4 " " 3135

-5 " " 3136

-6 " " 3137

-7 " " 3138

-8 " " 3139

5 41-10609 check
K-SBK 3140

3141

S 41-10609 Sel. (V. geminata in 1946)

4803-4

HrTaller than some but more
uniform, V. good grain type

3142

"

"

-10

3143

"

"

"

3144

"

"

"

3145

"

"

13

3146

S 41-10609 Sel. (less sterility in 46)

4805

3147

"

"

3148

"

"

34805 S 41-10609 Sel (less stublet, in 1916) 3149

" " 3150

" " 3151

" " 3152

" " 3153

" " 3154

" " 3155

" " 3156

3157

S41-10609 Sel. (has sterility in 1946)

4805

3158

"

"

3159

"

"

3160

Hill Lang, Check.

2

3161

S41-10609 Sel. R-SKR.

4810

3162

"

3163

"

3164

"

5 4810	S41-10609	Sel	K-SER	3165
	"			3166
	"			3167
	"			3168
0 4832	S41-10609	Sel.	(Miss met)	3169
	"		"	3170
	"		"	3171
	"		"	3172

3173

S41-10609 Sel (micro-metals)

4832

3174

u

u

3175

u

u

3176

u

u

3177

u

u

3178

u

u

3179

u

u

3180

Hill Long Creek

✓

832 S 41-10609 Sel (maturity) 3181

"

"

3182

"

"

3183

"

"

3184

"

"

3185

"

"

3186

"

"

3187

838 S 41-10609 Sel, R-SPR 3188

3189

541-10609 tel R. SBR

4838

3190

" many albino

3191

" many albino

3192

" many albino

3193

" many albino

Probably quarter

3194

" many albino

3195

"

3196

"

S 41-10609 *del*, R-SBR

3197

"

3198

"

3199

5

S 41-10609 *Check*

3200

839

S 41-10609 *del* R-SBR

3201

"

3202

"

3203

"

3204

3205

S 41-10609 Sel, K-SBR

4839

"

3206

"

3207

"

3208

"

3209

"

3210

"

3211

"

3212

54-10609 sel, R-SKK

3213

856-1

-2

"

3214

-2

"

3215

-4

"

3216

-5

"

3217

-6

"

3218

Very much shorter straw (12") than
BBH, better grain type, stands OK.

3219

HK

Bluebonnet check

50
✓

3220

3221

541-10609, R-SBK tel

485

3222

"

3223

"

3224

"

3225

"

485

3226

"

3227

"

3228

"

S41-10609, R-SPKL

3229

11

3230

11

3231

11

3232

11

356

3233

11

359

3234

11

3235

11

3236

3237

S41-10609 Sel, R-SBR

4859

3238

"

3239

"

3240

"

3241

"

3242

"

3243

"

4859

3244

"

4864

SH-10609 Sil, R. SER

3245

"

3246

"

3247

"

3248

"

3249

"

3250

"

3251

"

3252

3253

S41-10609 tel R. SBR

486

3254

"

3255

"

3256

"

3257

"

3258

"

3259

"

S41-10609 check

3260

5

864

341-10609 del, R-SBR

3261

"

3262

"

3263

"

3264

"

3265

"

3266

"

3267

"

3268

S41-10609. 2d, R.S. 8E.

3263

4864

"

3270

4871

"

3271

"

~~3272~~

~~3273~~

~~3274~~

~~3275~~

Remembered see 3710

~~26~~

~~27~~

~~28~~

~~29~~

~~30~~

4879

50

S41-10609 Sel, R-SBK
874

3301

11

3302

11

3303

21

3304

1

3305

11

3306

1

3307

1

3308

3309

S41-10.609 Sel, R-SBK

4879

3310

"

487

3311

"

3312

"

3313

"

3314

"

3315

"

3316

"

S 41-10609 sel, R-SBK

3317

"

3318

"

875

3319

"

3320

"

R-SBK
Lansky
agent demand

3321

"

10

3322

B 4083 A 4-30-4, TP R-7689

330

3323

"

3324

3325

B4033A4-30-4, TPxR-7689

3326

no stinkily or straight-head

"

3327

"

3328

"

3329

Mr

Highly resistant to Co.
Very slow in leaf drying

3330

"

3331

"

330

3332

B4033A4-15-4, TPxR-7689

2150

B 4033 A 4-15-4, TP, R-7689

3333

Highly Assoc. to straight head

"

3334

"

3335

"

3336

"

3337

F4 B4325 A 1-61, Durnish x F-Red
1037

3338

"

"

3339

50) Blushonnet, Chick

3340

F4 B4325A1-61, Brunel x F-Red
3341

B4325A1-63,
3342

"

40.7

B322A4-6-3 roque sel R x F
3343

44.9

"
3344

"
3345

"
3346

"
3347

B4033A4-43 roque (x mia?)
3348

42

B4033A4-43 roque (x Mm. P.)

3349

"

3350

"

3351

"

3352

B322A4-6-3 roque (x B.Bt. P.)

3353

"

3354

"

3355

"

3356

3357

Ho

gold Bluebonnet sel 4248-1
✓ good Patina type ✓ green
straw, Adv Relatively short straw

3358

3359

3360

Bluebonnet check

50

3361

Gold Bluebonnet sel

3362

3363

3364

gold Bluebonnet Sel
B46-4248-2

3365

248

"

3366

252

Bluebonnet Natl Cross

3367

"

3368

"

3369

"

3370

"

3371

"

3372

3373	Bluebonnet Tall Cross				
------	-----------------------	--	--	--	--

3374	"				
------	---	--	--	--	--

3375	Bluebonnet Sel	B46-4257-1			425
------	----------------	------------	--	--	-----

3376	"	-2			
------	---	----	--	--	--

3377	"	-3			
------	---	----	--	--	--

3378	"	-4			
------	---	----	--	--	--

3379	"	-5			
------	---	----	--	--	--

3380	Bluebonnet check				50
------	------------------	--	--	--	----

Bluebonnet sel
-7

3381

gold sel, shorter straw & green
straw

3382

Unusual for green straw

Ur

"
-8

3383

Bluebonnet sel (via net)

362

3384

"

"

3385

"

"

3386

"

"

3387

"

"

3388

3383

Bluebonnet sel (min maturity)

3390

Bluebonnet sel

427

3391

"

3392

"

3393

"

3394

"

3395

"

3396

"

427

Bluebonnet sel

3397

" - i

3398

"

3399

Bluebonnet check

3400

Bluebonnet sel

3401

"

3402

"

3403

"

3404

3405

Bluebonnet sil

3406

"

3407

"

3408

"

3409

Bluebonnet sil (x mra?) Coriaria
4275

3410

"

"

3411

"

"

3412

"

"

Bluebonnet Sel (x hirs^P) core sistance
3413

"

"

3414

"

"

3415

"

"

3416

"

"

3417

"

"

3418

"

"

3419

Bluebonnet Chick.

3420

08
3421

Bluebonnet Sel (mid-gr)

4279

"

"

3422

"

"

3423

"

"

3424

"

"

3425

B4281-)

Bluebonnet Sel. (late)

3426

4281

"

-2

"

3427

"

-3

"

3428

Bluebonnet sel (late)
46-4281-4

3429

" -5 "

3430

" -6 "

3431

" -7 "

3432

" -8 "

3433.

" -9 "

3434

" -10
green straw prob. later than Bkt
CO resistant

3435

Hh

292 B 45-2379¹⁻¹ BB sel

3436

3437

B45-2379⁻², BBT sel

3438

Nr good BBT⁻³ type
proh CO resistant

3439

" - 4

3440

Bluebonnet chick

50

3441

B45-2379⁻¹⁻⁵, BBT sel

3442

" - 6

3443

" - 7

3444

" - 8

B45-2379-1-9 BBA sel

3445

" -10

3446

" -11

3447

" -12

3448

" -13

3449

" -14

3450

" -15

3451

4294

"

3452

3453

B45-2379, BBI del

3454

"

3455

"

3456

"

3457

"

3458

"

3459

"

Shorter than the BBT
Prob CD resistant

3460

Bluebunnet, check 50

B45-2379 BBT sel

3461

"

3462

"

3463

"

295 4275

3464

"

3465

"

3466

"

3467

"

3468

3469

B45-2379 B/B del

3470

"

3471

"

~~3472~~~~3473~~~~3474~~

3475

3476

Renumbered See 3718 et al

Remumbered see 37/8 set al

3477

3478

3479

Glucksmut check

3480

3501

B45-2379 BBH Sel

4295

3502

Bluebonnet Sel

Saved smooth types,
in Sep for grain shape
CO resistant

6148
Parent

3503

Bluebonnet Sel

(♀ cross 451A)

HV

V. Early plant

(parent)

S & Co, short straw — Earlier than, Chas

3504

B45-2379 BBH Sel

4296

3505

"

3506

"

3507

"

3508

"

B45-2379 BBT sel

3509

"

3510

"

3511

"

3512

"

3513

"

3514

"

3515

B45-2379 BBT sel

3516

3517	B45-2379, BBT sel				
------	-------------------	--	--	--	--

3518	"				
------	---	--	--	--	--

3519	"				
------	---	--	--	--	--

3520	Bluebonnet, Check			50	
------	-------------------	--	--	----	--

3521	B45-2379, BBT check				
------	---------------------	--	--	--	--

3522	"				
------	---	--	--	--	--

3523	"				
------	---	--	--	--	--

3524	"				
------	---	--	--	--	--

B45-2379, B&B kel

3525

Swad to H. L.

11

3526

84

3527

11

3528

B45-2379-⁶⁻¹ BBT del

298

no straight head
constant

3529

Am

22

12

3530

11

13

3531

42

14

3532

3 3533

B45-2379⁻⁶⁻⁵ BBD del

3 3534

" -6

3 3535

" -7

3 3536

" -8

3 3537

" -9

3 3538

" -10

3 3539

" -11

3 3540

Bluebonnet, check

50

B45-2379, ⁻⁶⁻¹² BBd Sel

3541

" -13

3542

" -14

3543

" -15

3544

4297 B45-2379, BBd Constant
4277

3545

"

3546

"

3547

"

3548

3549

B45-2379, BBS sel (Constant)

3550

"

3551

"

3552

"

3553

"

3554

"

3555

"

3556

"

BFS-2379, BBT sel. (consistent)
3557

"

3558

"

3559

"

3560

no check here

"

3561

"

3562

"

3563

"

3564

3565

B45-2379, BBH sel (Constant)

3566

11

4299

3567

B45-2379, BBH sel (Seg CO)

4302-1

3568

11

-2

-2

3569

11

-3

-

3570

11

-4

-4

3571

11

-5

-

3572

11

-6

-6

4302- B45-2379⁻⁹⁻⁷, BBdel (Leg Cd) 3573

" -8 3574

" -9 3575

" -10
Prob Co resistant 3576
Hv

4309 B45-2381, BBdel (natl cr) 3577

" 3578

" 3579

50 Bluecount Check 3580

B45-2281, BBH sil (Natl Cross)

3581

"

3582

"

3583

"

3584

Bluebonnet sil (Vearly) 4395

3585

"

3586

"

3587

"

3588

Bluebonnet Sel (very early)	3589
-----------------------------	------

Early Bluebonnet Sel	3590
----------------------	------

"	3591
---	------

"	3592
---	------

"	3593
---	------

"	3594
---	------

"	3595
---	------

"	3596
---	------

3597

Early Bluebonnet Sep

3598

"

3599

Clean BBT
Row was in in 1946

PI
had Row

3600

Bluebonnet, check.

50

3601

Clean BBT from PI

3602

"

3603

"

3604

"

clean BBT from PI

3605

"

3606

"

3607

"

3608

"

3609

"

3610

"

3611

"

3612

3613

clean BBT from PI

3614

"

3615

"

3616

"

3617

"

3618

BBT aff types

PI

3619

"

3620

Bluehand check

50

Bluebonnet egg type from PT

3621

"

3622

"

3623

"

3624

"

3625

"

3626

"

3627

"

3628

3629

Bluebonnet off types from PI

3630

"

3631

BB+ Consistent

PI.

3632

"

3633

"

3634

"

3635

"

3636

"

Bluebonnet C Oresistent P I 3637

"

3638

"

3639

50 Bluebonnet, check 3640

Vigorous RBT (PI) 3641

"

3642

"

Excellent row

3643

He

"

3644

3645

gold BBT (PI)

3646

"

3647

"

3648

"

3649

"

3650

"

3651

off type BBT

PI

3652

off type Bluebonnet PI	3653
------------------------	------

"	3654
---	------

"	3655
---	------

"	3656
---	------

"	3657
---	------

"	3658
---	------

"	3659
---	------

50 Bluebonnet, Check	3660
----------------------	------

3661

off type Bluemount, PI

3662

3663

3664

3665

3666

BBA (PI)

3667

3668

3669

3670

3671

3672

BBA (PI)

Remembered

3673

3674

3675

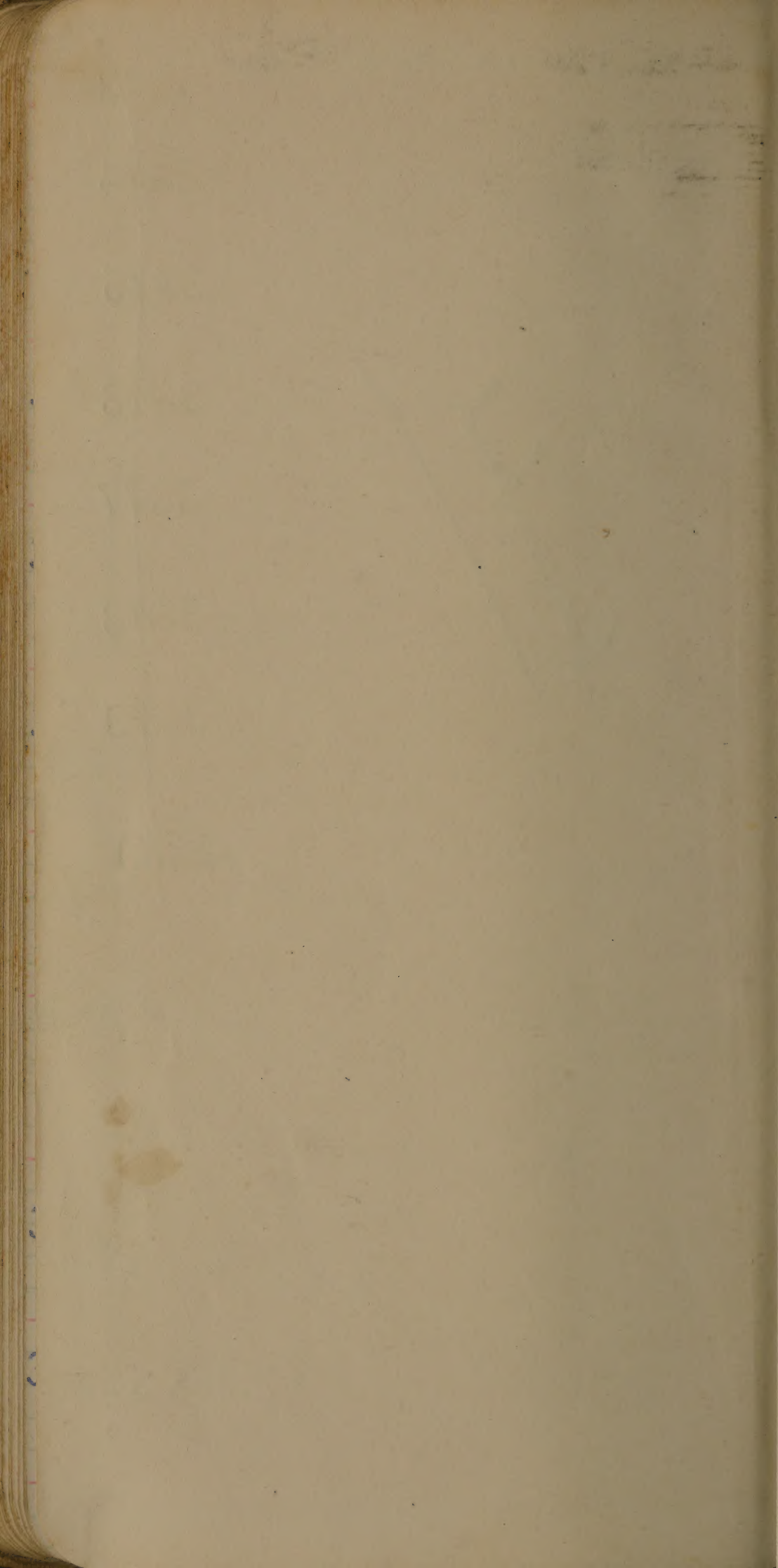
3676

3677

3678

3679

3680

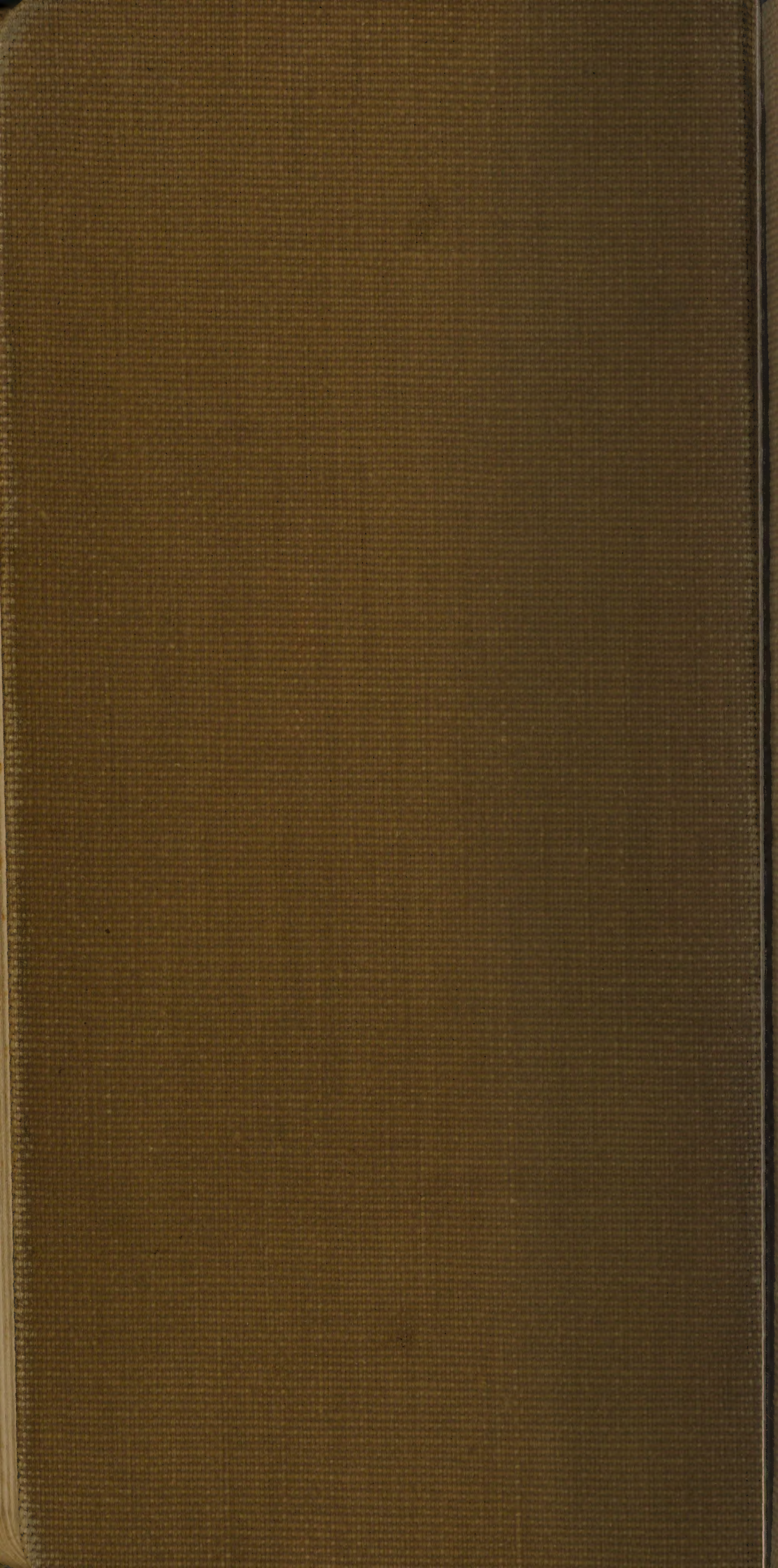


3205-10

2988

flashed type present
Saw for allowing

3054

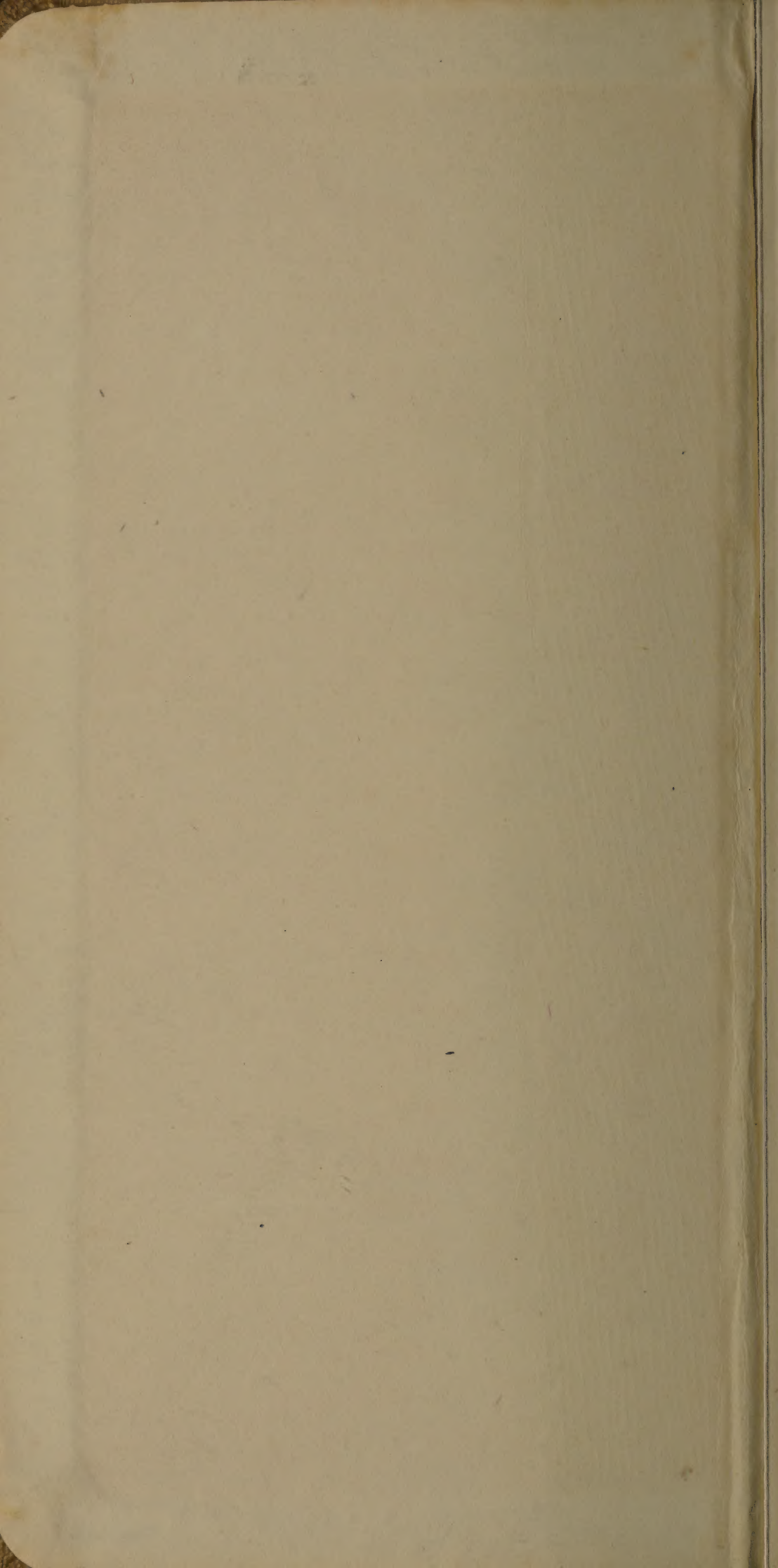


U. S. DEPARTMENT OF AGRICULTURE

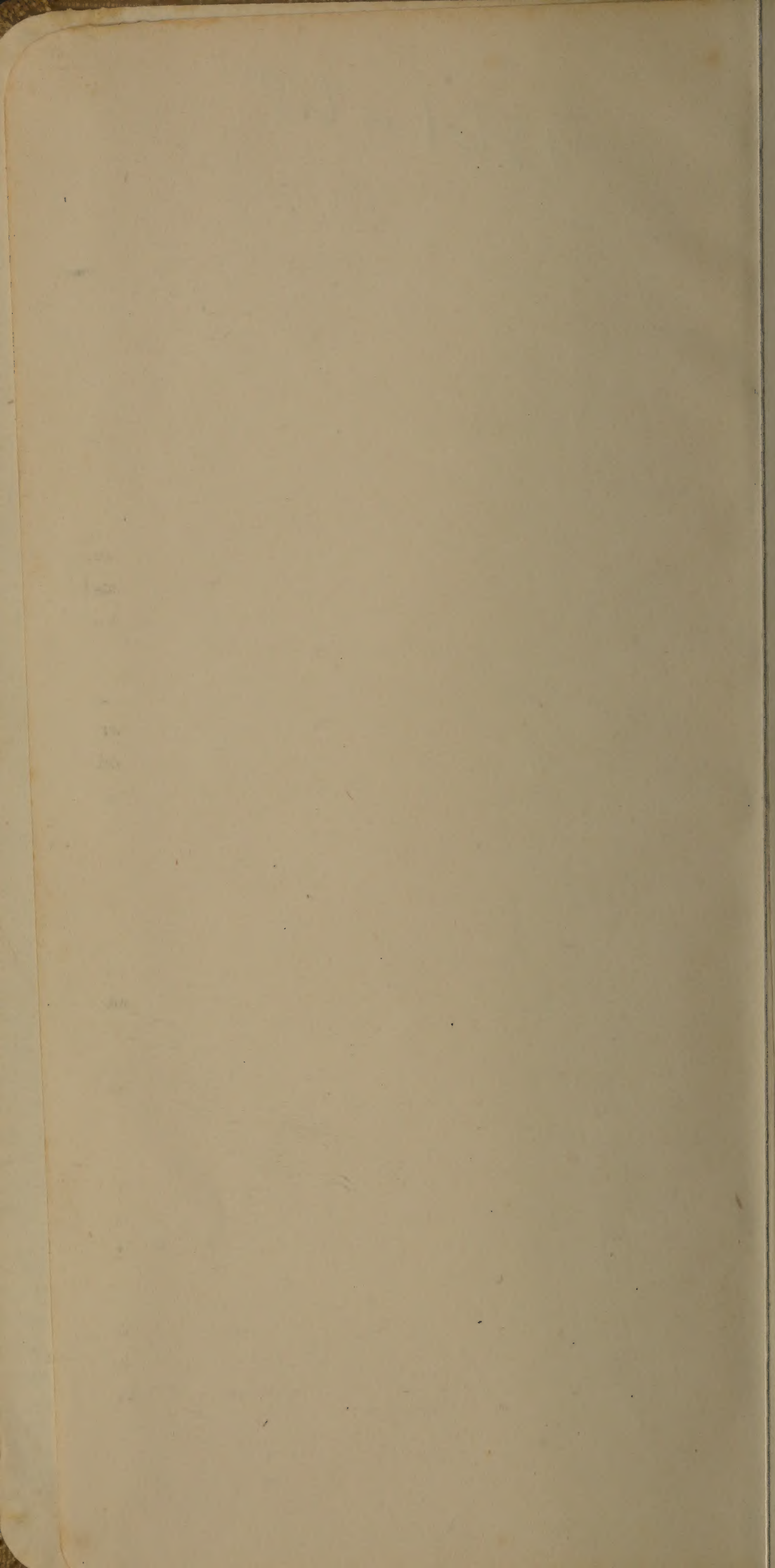
**BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING**

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES



4861-68



SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location_____Field H.
Size_____1/20 acre.

SOIL

Kind_____Prairie loam.
Position_____Somewhat rolling.
Previous crop_____Corn.

NAME AND CONDITION OF MACHINERY

Plow_____
Disk_____Osborn_____Sharp.
Harrow_____U Bar_____Good.
Seeder_____Monitor_____Good.

SEED

Variety_____Variable.
Weight per bushel_____Variable.
Source_____Variable.
Treatment_____Fanned clean and treated for smut.

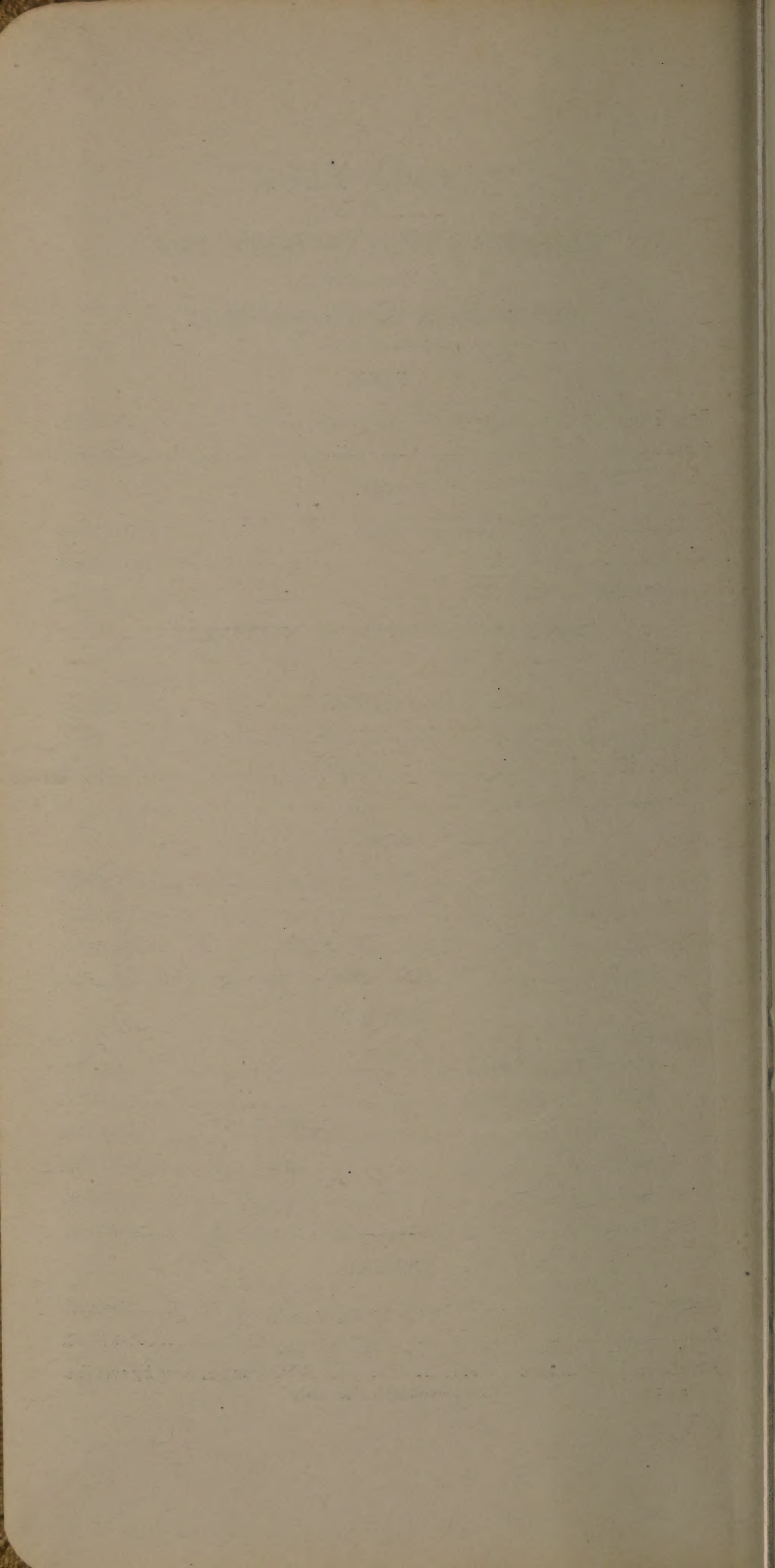
SEED BED

Preparation:

1. Disked (lapped half)_____4-6-'08.
2. Disked (lapped half)_____4-10-'08.
3. Harrowed_____4-10-'08.
4. Harrowed_____4-27-'08.
5. Seeded_____4-27-'08.
6. Harrowed_____4-27-'08.

SEEDING

Manner_____Drilled.
Date_____4-27-'08.
Rate_____3 bushels per acre by weight.



TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date _____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

3701

S41-10609 Sel, R-SBK

3702

3703

3704

3705

3706

3707

3708

Leger - Bernard material - General

High-Demand
Demand

S41-10609, Sel, R-SBR 3709

87/ S41-10609, Sel R-SBR 3710

" 3711

" 3712

" 3713

" 3714

874 " 3715

" 3716

3717	S 41-10609 sel R-SBR	4874
------	----------------------	------

3718	B 45-2379 Bluebonnet sel	4295
------	--------------------------	------

3719	"	
------	---	--

3720	Bluebonnet, check	50
------	-------------------	----

3721	B 45-2379, Bluebonnet sel	4295
------	---------------------------	------

3722	"	
------	---	--

3723	"	
------	---	--

3724	"	
------	---	--

+295 B45-2379, Buchanan Isl 3725

"

3726

Buchanan PI Isls. 3727

"

3728

"

3729

"

3730

"

3731

"

3732

3733	Bluebonnet sub	Bluebonnet PT
------	----------------	------------------

3734	"	
------	---	--

3735	"	
------	---	--

3736	"	
------	---	--

3737	"	
------	---	--

3738	"	
------	---	--

3739	"	
------	---	--

3740	Bluebonnet check	50
------	------------------	----

Bluebonnet sbs

V. short straw, possibly CO 3740
resistant. P Hr

Has segs grain sized shape
" 3742

V. short straw

3743

Similar to 3741 except much

better grain type & uniform

Better grain than BBT, Milford Rdh
" 3744

"

Consistent type

3745

good BBT grain Segments?
Possibly later than BBT

"

3746

B.T.

To
3758

"

3747

"

3748

3749

Bluebonnet Sek PI

3750

"

3751

"

3752

"

3753

"

3754

"

3755

"

3756

Possible CO¹¹ resistant type
Excellent grain type
Vigorous growing tall

Bluebonnet sel	PI	3757
----------------	----	------

"		3758
---	--	------

Bluebonnet sel		3759
----------------	--	------

3 BT
To
3765

50

Bluebonnet check		3760
------------------	--	------

Bluebonnet check		3761
------------------	--	------

"		3762
---	--	------

"		3763
---	--	------

"		3764
---	--	------

3765

Bluebonnet sil

3766

"

B.B.T

To

3775

3767

"

3768

"

3769

"

3770

"

3771

"

3772

"

Bluebonnet Sel

3773

"

3774

"

3775

"

3776

313T

50
3788

"

3777

"

3778

"

3779

50 Bluebonnet, check 3780

3781

Bluebonnet sel

3782

"

3783

"

3784

"

3785

"

3786

"

3787

"

3788

"

FF Type Bluebonnet Offtypes
3.B.T.

3789

To 3796

"

3790

"

3791

"

3792

"

3793

"

3794

"

3795

"

3796

3797	Bluebonnet Stupe Plant	BBt Stupe pl
3798	B352A11-2-3-2, R x R	6108
3799	Same variation in grain type	6108
3800	R x	42
3801	Fr B347B40-9 x Straw hull Fr from B347B40-9 Straw hull	
3802	Good long sh. grain types	"
3803	"	"
3804	Good long sh. grain types R-N x later	"

F₂ B347B40-9 x Strain hull 3805

3806

F₂ B347B42-10 Nett Cross 3807

"

3808

"

3809

"

3810

"

3811

"

3812

Appear to be Preludes

379 3813 ^{F2} B347 B42-10 Hall Cross

379 3814 "

379 3815 "

380 3816 ^{F2} F1 - 347 B42-10 (4 rows)

380 3817

380 3818

380 3819

380 3820

F3 4486	B347B40-9 x (mrs?)	3821
------------	--------------------	------

	"	
--	---	--

		3822
--	--	------

	"	
--	---	--

		3823
--	--	------

	"	
--	---	--

		3824
--	--	------

	"	
--	---	--

		3825
--	--	------

<u>4487</u>	B347B40-9, rogue V short strand early	3826
-------------	--	------

	"	
--	---	--

		3827
--	--	------

	"	
--	---	--

		3828
--	--	------

3829

B347B40-9 roque (station Early)

3830

"

"

3831

type
q.
Promising
v. slat. by stream

"

"

3832

"

"

3833

"

"

3834

"

"

3835

B347B40-9 sel

4488

3836

"

B 347840-9. *del*

3837

"

3838

"

3839

"

3840

"

3841

"

3842

"

3843

"

3844

3845

B347B46-9 *tel*
Earlier than averages
med-gr. type

4489

3846

3847

3848

3849

3850

3851

3852

B347B40-9 tel

3853

494

B4033A4-6 (CD resistance?)

3854

"

3855

"

3856

"

3857

"

3858

496

B347B40-9 roque

3859

"

3860

3861

B347B40-9 roque

3862

3863

3864

3865

3866

3867

3868

B347B40-9 roque

3869

3870

3871

4497 B347B40-9 roque

3872

3873

3874

3875

3876

B347B40-9 roque

3877

3878

3879

3880

3881

3882

3883

4498

3884

B347B40-9 rogne

3885

3886

3887

3888

3889

3890

4503 B347B40-9 x Rough hull

3891

1

3892

3893

B347B40-9 x Rough hull

3894

"

3895

"

3896

"

3897

"

3898

"

3899

"

3900

"

B347B 40-9 x Rough hull

3901

"

3902

"

3903

"

3904

"

3905

"

3906

"

3907

"

3908

3909

B347B40-9 x Rough-hull

3910

"

3911

"

3912

"

3913

"

3914

"

3915

"

3916

"

1514

B347840-9 x Rough Steam

3917

"

3918

"

3919

"

3920

"

3921

"

3922

"

3923

"

3924

3925

B347B40-9 x Rough stems

3926

"

3927

"

4519

3928

"

3929

"

3930

"

3931

"

4521

3932

"

B 347B40-9 x Rough Shaw	3933
-------------------------	------

"	3934
---	------

"	3935
---	------

"	3936
---	------

"	3937
---	------

524 B 347B40-9 aff type	3938
-------------------------	------

"	3939
---	------

"	3940
---	------

39	3941	B347B40-9	aftertype				
39	3942	"					
39	3943	"					
39	3944	"					
39	3945	"					
39	3946	"					
39	3947	"					
39	3948	"					

4533 B347B40-9 x med rough 3949

"

3950

"

3951

"

3952

"

3953

"

3954

"

3955

"

3956

3957

B347B40-9 x Med rough

4534

3958

"

3959

"

3960

"

3961

"

3962

"

4537

3963

"

3964

"

B347B40-9 x Med rough

3965

"

3966

"

3967

"

3968

"

3969

"

3970

"

3971

"

3972

3973

B347B40-9 sub

4539

3974

"

3975

"

3976

"

3977

"

3978

"

3979

"

3980

"

B347 B40-9 See

3981

B347 B40-9 See

3982

1549

"

3983

"

3984

"

3985

"

3986

"

3987

"

3988

3989 B347B40-9 sel

3990 " 4556

3991 "

3992 "

3993 "

3994 "

3995 "

3996 B347B40-9 x 11 grown
Had exceptionally green stem
in 1946, legu for CO. 4559

B347B40-9 x *Sl. gran*

3997

"

3998

"

3999

"

4000

"

4001

"

4002

"

4003

"

4004

4005

B347B40-9 x SL gran

4006

"

4007

"

4008

"

4009

"

4010

"

4011

"

4012

"

456

B 347B 40 - 9 x 16 gram

4013

"

4014

"

4015

"

4016

"

4017

"

4018

1569

"

4019

"

4020

4021

B347B40-9 x 11 gram

4022

"

4023

"

4024

"

4025

"

4026

"

4027

"

4565

4028

"

B347B40-9 x Al gran

4029

"

4030

"

4031

"

4032

"

4033

"

4034

B44-5103

4035

"

4036

B44-5103

4037

4038

"

4039

"

4040

"

4041

"

4042

"

4043

B44-5103

5688

4044

"

B44-5103

4045

"

4046

"

4047

"

4048

"

4049

"

4050

"

4051

"

4052

4053	B44-5103	
4054	B44-5105	5690
4055	"	
4056	"	
4057	"	
4058	End of midseason start of later, (med-gr) B323B45-7, Rx5BR	2821
4059	"	
4060	Blue Rose check	116

B323B45-7, RxsBR

4061

"

4062

"

4063

"

4064

1827

B323B45-10

"

4065

"

4066

"

4067

"

4068

4069

B323645-10, R x S RR

4070

"

4071

"

4072

"

4073

"

4074

"

4075

"

4076

"

828 B 323 B45-11, Rx SBR 4077

"

4078

"

4079

121 B 4112 A5-5-1 Check 4080

B 323 B45-11, Rx SBR 4081

"

4082

"

4083

"

4084

4085

B323B45-11, R x SBR

4086

"

4087

"

4088

"

4089

"

4090

"

4091

"

4092

"

2837

B4044A3-1-1-3, R-SBK & BK

4093

"

4094

"

4095

"

4096

"

4097

"

4098

"

4099

22 Brunmiller's Check

4100

4101

B 4044 A 3-1-1-3, R-SRK x BR

4102

"

4103

"

4104

"

4105

"

4106

B44-2402-4 Sm BR sel

286

4107

"

4108

"

B44-2402-4 Sm Bt sel

4109

4110

4111

4112

4113

B44-2402-11, "

4114

872

4115

4116

4117

B44-2402-11, Sm BK sel

4118

4119

4120

Blue Rose check

116

4121

B44-2402-11, Sm BK sel.

4122

4123

B44-2402-14

"

2875

4124

B44-2402-14, Sm BK sel 4125

4126

4127

4128

4129

4130

B44-2402-37,

"

4131

8/99

4132

4133

B44-2402-37, Sm BK tel

4134

sebe may have some
to poor grain shape
are much shorter than

4135

4136

4137

B44-2402-28,

"

2898

4138

These
promised but due
are of no value
4140 check

4139

B4112A5-5-1, check

4140

121

B44-2402-28, Sub B K Sub

4141

4142

4143

883 B44-2402-21,

"

4144

4145

4146

4147

4148

4149

B44-2402-21, Sm BK sel

4150

4151

4152

4153

4154

One of best in 44-2402 natural

W

Subst for sel in yield runs
thicker & body. Satiff show

4155

2994

4156

4157

4158

909 quite heavy, relatively
 4 type plant stand, very strong

4159

4160

4161

908 CI-5358

4162

4163

4164

4165

CI-5368

2910

4166

"

4167

"

2911

4168

"

4169

B43-2792, Sm BP bel

3019

4170

"

4171

"

4172

"

B 43-2792 del Sun BK 4173

4174

4175

4176

4177

"

4178

1022

4179

116 Blue Rose Chick 4180

4181

B42-2792 Sel, In BK

4182

4183

4184

4185

4186

4187

4188

B43-2792 del, Lm Bk

4189

3024

4190

4191

4192

4193

4194

4195

4196

4197

B43-2792 sel, Sm BK

4198

"

3025

4199

4200

B4112A5-5-1 check

121

4201

B43-2792 sel, Sm BK

4202

4203

4204

B43-2792 sel *Sm BK*

4205

"

4206

"

030

4207

4208

4209

4210

4211

B37NOA 1-20-2-2. *(rogue)* K-H x BK

4212

3046

4213

^{Lyons}
B3710A1-20-2-2, K.H. BR

4214

4215

4216

4217

4218

4219

4220

Brummié del check
122

B3710A1-20-2.2, (roguet) K-H x RR
4221

4222

4223

4224

4225

4226

4227

4228

4229

B3710A1-20-2-2, K-A x BR

3049

4230

4231

4232

4233

4234

4235

4236

11

3056

B3710A1-20-2-2, K-H x BR 4237

4238

4239

16 Blue Rose, check 4240

B3710A1-20-2-2, K-H x BR 4241

4242

4243

4244

4245

B3710A1-20-2-2, K-H x BR

4246

4247

4248

^{F4}
4249

B437A1-50, B4N2A5-5x8323

3136

4250

4251

4252

B437A1-50, B4112A5-5 x 83²³ 4253

F4 B438A1-15, B4112A5-5 x 83²⁶ 4254
3154

4255

4256

4257

4258

4259

121 B4112A5-5-1, check 4260

36
F4 4261 B438A1-15, B4112AS-SX 8326

F4 4262 B438A1-43, " 3184

4263 "

4264 "

4265 "

4266 "

F4 4267 B438A1-46, " 3187

4268 "

F4 B438A1-46, B4112A5-5x8326 4269

4270

4271

4272

F4 B438A1-51, 192 4273

4274

4275

4276

F4
4277 B438A1-51, B4112A5-5x8326

4278 "

4279 "

~~F4~~
4280 B4112A5-5-1, check 122

F4
4281 B438A1-51, ⁸B4112A5-5x8326

~~W~~
F4
4282 B438A1-104-1 " 3248

4283 - 2

4284 - 3

F4 B 438A1-104⁴ B4112A5-5x8326 4285

4285

-5

4286

-6

4287

-7

4288

F4 B4310A1-45, B4112A5-8x B411-EP 4289

392

4290

4291

4292

4293 ^{F4} B4310A1-45, B4112A5-8xBR41-EP

4294

4295

4296

4297 ^{F4} B4310A1-46, 11 3393

4298

4299

4300 Blue Rose Check. 116

F4 B4310A1-46, B4112A5-8 x BR41-EP
4301

4302

4303

4304

4305

4306

F4 B4313A2-57, 3P4112A5-8 x F-Red
4307

607

"

4308

F4 B4313A2-57, B4112A58x F-Red
4309

4310

4311

4312

4313

-4

4314

4315

-2

4316

F-4 B4313A2-57-⁵ B4112AS-8XF-Red 4317

4318

Smooth, red short^{-b} straw 4319
 fairly uniform
 check for yield in '48 Hr

2) B4112AS-5-1, check 4320

B4313A2-57, B4112AS-8XF-Red 4321

4322

4323

F-4 B4321A3-21, B4112AS-8XF-Red 4324
 853

Fv 4325 B4321 A 3 -21, -2 BK 41 x F-Red
 a good looking BK type
 check for yield

4326 -3

Fv 4327 B4325 A1-32; 1 Brun x F-Red #008
 all rough, better BK type
 than smooth, maybe 94321A hel?

4328 -2
 off type

4329 off type -3

4330 off type -4

4331 -5

4332 -6
 Best looking in group
 all very much alike

F4 B4325A1-32, ⁻¹ Brn x F-Red 4333

~~F-7~~

4334

-8-7

4335

F4 B4325A1-39, " 4336
015

4337

4338

F4 B4325A1-42 " 4339
018

22 B4112A5-5-1 Chick 4340

22
4341 F4 B4325A1-42, Brown x F-Red

4342

4343 F4 B4325A1-49,

"

4025

4344

4345

4346 F4 B4325A1-50,

"

4026

4347

4348 F4 B4325A1-52,

"

4028

With cross (not
a tropical type
Saw for use in west
with long al. sp.

F4 B4325A1-52, Green x F-Red

4349

F4 B4325A1-61
037 very short stems

4350

W

4351

4352

F4 B4325A1-76;

"

4353

1053

4354

4355

F4 B4356A1-11, 8326 x 8328-2
4105

4356

59
F4 B4356A1-11, 8326x8323-2
4357

4358

4359

4360 Blue Rose, check. 116

F4 B4356A1-16, 8326x8323-2
4361 4110

4362 " - 2

4363 "

4364 "

F4 B4356A1-17, -1 8326x8323x2
 1111 4365

" -2
 V. good type 4366
 check in Asher News
 for yield Subst at sel is already in list
 "

4367

-3

"

4368

"

4369

"

4370

F4 B4356A1-20, " 4371
 111K

4372

4373	F4 B4356A1-20, 8326x 8323x2			
------	-----------------------------	--	--	--

4374	"			
------	---	--	--	--

4375	"			
------	---	--	--	--

4376	F4 B4356A1-25,	"		4119
------	----------------	---	--	------

4377	"			
------	---	--	--	--

4378	"			
------	---	--	--	--

4379	"			
------	---	--	--	--

4380	B4112A5-5-1, check			12)
------	--------------------	--	--	-----

F4 B4356A1-25, 8326v8323-Z

4381

"

4382

all cranes in CI-5399 glutamine 4383
 3 rows of this plant

"

4384

"

4385

all cranes in CI 5399 glutamine 4386
 through 4400

4387

4388

4389

Walt Cross in CFS399 glutinous

4390

4391

4392

4393

4394

4395

4396

not a cross in CI-5399 (glutinous) 4397

4398

4399

not a chick 4400

End of med-grain lotus

Start of Lotus (Slender-gr)

053 Hamilton 1, (R-7689 not a) 4401

"

4402

"

4403

"

4404

4405

Hamilton, R-7689 Natl Cr

4406

4407

4408

4409

Hamilton 2, R-7689 Natl Cr

2054

4410

4411

4412

Hamilton 2, R-7689 Natl A 4413

"

4414

quite uniform, short stem 4415

"

4416

"

4417

"

4418

066 Hamilton 3 (R-7689 Natl A) 4419
may be same as parent

5 Texas Patna check 4420

This combination has some exceptionally long grain types, becoming

4421

Hamilton 3, R x 7689 Natl Cr 2066
may be same as parent

4422

"

4423

"

4424

"

4425

"

4426

Hamilton 4, " 2068

4427

"

4428

"

Hamilton 4, Rr 7689 Natl Cray 4429

"

4430

"

4431

"

4432

"

4433

"

4434

"

4435

"

4436

4437

Texas Patna sel (Hamilton)
B46-2069

2069

4438

"

4439

B46-2069

Vel. grain (Indian Patna type)

Nrcheck for yield
definitely earlier than Rex

4440

Rexoro, check

78

4441

Texas Patna sel, (Hamilton)

4442

"

4443

"

4444

"

Texac Patum del (Hamilton)

4445

"

4446

"

4447

"

4448

"

4449

"

4450

"

4451

"

4452

4453

Texas Patna Sel (Hamilton)

2073

4454

11

4455

11

4456

11

4457

11

4458

11

4459

Texas Patna Sel (Hamilton)

2074

4460

B4033A4-38-1 check

73

Texas Patina del (Hamilton)

4461

"

4462

"

4463

"

4464

"

4465

"

4466

"

4467

"

4468

Texas Patna del (Darnilton)

4469

2076

"

4470

"

4471

"

4472

"

4473

"

4474

"

4475

"

4476

Texas Patna Sel. (Hamilton)

4477

F3 TPX Rough medium

4478

2077 to

2079

constant

"

4479

75 Texas Patna chick

4480

F3 TPX Rough med

4481

"

4482

"

4483

"

4484

4485 ^{F₂} TP x Rough Medium

4486

"

4487

"

4488

"

4489

"

4490

"

4491

Texas Patna Sel (Hamilton)

2083

4492

"

	Texas Patna Sel (Hamilton)	4433
--	----------------------------	------

	"	4434
--	---	------

	"	4435
--	---	------

	"	4436
--	---	------

086	Texas Patna Sel (Hamilton) Very green stem in 1946	4437
-----	---	------

	"	4438
--	---	------

	"	4439
--	---	------

78	Rexon, chick	4500
----	--------------	------

4501

Texas Patina Sel (Hamilton)
V. green stain in 1946

4502

"

4503

"

4504

"

4505

Texas Patina Sel (Hamilton)

2101
To
2103

4506

"

4507

"

4508

Texas Patina Sel (Hamilton)

2105

Texas Patna Sel (Hamilton)

4509

2109 Texas Patna Sel. (Hamilton)

4510

"

4511

"

4512

"

4513

"

4514

2152 B4033A4-31-1 TPxR-7689
Resno Substitute

4515

"

4516

4517

B4033A 4-31-1, TPR-7689

4518

"

4519

"

4520

"

4521

"

4522

"

4523

"

4524

"

B4033A4-31-1, TP, R-7689

4525

"

4526

"

4527

"

4528

"

4529

B4030A3-4-5, R-7689X TP

4530

161

"

4531

1/2

"

4532

1/2

4533

B4030A3-4-5, R-7689XTP

Ho

4534

Ho

all appear same
check good
grow only 1. "

4535

Ho

B4030A3-4-7

4536

Exceptionally long grain types 216

4537

more had drying, shorter straw, possibly earlier than

4538

Ho

A3-4-5, all much alike
Don't present a v. long gr. But
more dry than 4538 about
but in this respect

4539

4540

B4030A3-4-7, R-7689 XTP
 Exceptional long gr. types 4541

"

4542

"

4543

2167 B4030A3-13-4, " 4544

"

4545

"

4546

"

4547

2168 B4030A3-13-6, " 4548

4549

B4030A3-13-6, R-7689xTP

4550

"

4551

"

4552

B4030A3-15-2,

"

2170 1

4553

"

4554

"

4555

"

4556

"

B4030A3-13-6, R-7689xTP 4557

"

4558

"

4559

78 Recor, check 4560

B4030A3-13-6, R-7689xTP, 4561

2175 B4030A3-21-3, " 4562

"

4563

"

4564

4565

B4030A3-21-3, R-7689 KTP

4566

"

4567

"

4568

"

4569

"

4570

"

4571

B4032A3-1-3,

2178

4572

"

B4032 A3-1-3

4573

"

4574

"

4575

"

4576

"

4577

B4032 A3-1-3

4578

"

4579

B4033 A4-38-1, check

4580

4581

B4032A3-36-1

4582

"

4583

"

4584

"

4585

"

4586

"

4587

"

4588

"

1185

B4032A3-27-1

4589

"

4590

"

4591

"

4592

"

4593

"

4594

"

4595

"

4596

10
4597

→ 010
B4032A3-37-1

4598

4599

4600

TP check

4601

4602

4603

4604

B4034A3-16-1, TP, R-D

186

4605

"

4606

"

4607

"

4608

"

4609

"

4610

"

4611

"

4612

4613	B4034A3-16-1, TPxR-D	
4614	"	
4615	"	
4616	"	
4617	B27/3A10-1-3, SxR	2193
4618	"	
4619	"	
4620	Rexro, check	78

B3713A10-1-3, SXR

4621

B346B42-5, SXR

4622

"

4623

"

4624

B346B42-1, "

4625

"

4626

"

4627

"

4628

4629

B376A2-7-2, IBKx F

223

4630

"

4631

"

4632

"

4633

"

4634

"

4635

Texas Patna, B45-17

225

4636

"

Texas Pattern B45-17

4637

"

4638

"

4639

13 B4033A4-28-1, Chuck

4640

Texas Pattern B45-17

4641

"

4642

"

4643

2261 B43-280-1, Shaw T.P.

4644

Wm

B43-280-1, Straw VP

4645

H

4646

H

4647

H

4648

H

4649

H

4650

H

4651

H

4652

H

B43-280-1, -3/1 hour TP

4653

1/2

"

4654

1/2

263 B3412 B41-1-2, Cox R

4655

"

4656

"

4657

"

4658

"

4659

15 Texas Pattern clock

4660

4661

B2412 B41-1-2, CA & R.

4662

"

4663

"

4664

"

4665

"

4666

"

4667

"

4668

"

B 34/2 B41-1-2, CA x R

4669

B 3B/3A1-16 rogue (F1)

4670

2295 r

~~R x D~~

V. good "long d. sp. type

4671

~~Hv~~

"

4672

ma sel

2304

B2766-1-1-1

4673

"

2

4674

"

3

4675

"

4

4676

4677

mra. Sel

1-1-5

4678

"

-6

4679

"

-7

4680

Russo, Chuck

78

4681

"

-8

HW

"

4682

"

-9

4683

"

-10

4684

"

-11

Nra Sel -12

4685

"

-13

4686

"

-14

4687

"

-15

4688

Nra Sel

2309

B 2766-1-6-1

4689

"

-2

4690

"

-3

4691

"

-4

4692

4693

Nva Sel B44-2766-1-6-5 2309

4694

"

-6

for

4695

"

-7

4696

"

-8

4697

"

-9

4698

"

-10

4699

"

-11

4700

B4033 A4-38-1, chuck

13

2313

Mia Sel
B

4701

"

4702

"

4703

"

4704

"

4705

"

4706

"

4707

"

4708

4709

Mira Sel.

4710

Mira Sel.

B44-2766-1-12-1

2315

4711

"

- 2

125

4712

"

4713

"

4714

"

4715

"

4716

"

ma sel

4717

"

4718

"

4719

15 Texas Patna, chick

4720

ma sel

B44-2766-1-13-1

4721

316

"

-2

4722

"

-3

4723

"

-4

4724

4725

Mira Sel B44-2766-1-13-5, 23/6

4726

"

-6

4727

"

-7

4728

"

-8

4729

Mira Sel

23/7

4730

"

4731

"

4732

"

Mura sel

4733

"

4734

"

4735

"

4736

"

4737

Mura sel

2319

B44-2766-1-17-1

4738

"

-2

4739

78 Rex ow, chuck

4740

Mira Sel

B44-2766-1-17-3

4741

4742

-4

4743

-5

4744

-6

4745

-7

Dr

4746

4747

4748

Mia Sel

4749

"

4750

"

4751

"

4752

"

4753

Mia Sel

2321

4754

"

4755

"

4756

4757

Mira Sel

4758

"

4759

"

4760

B4033A4-38-1, check

73

4761

Mira Sel

4762

Mira Sel

232

4763

"

4764

"

2330

Hybrid mix 79, 41, TP, R, Long Sl.
 bad for the 1st 4765

bad for the 1st 4766

"

4767

"

4768

"

4769

"

4770

"

4771

"

4772

4773

Hyb-Mix 9-41, TP & Rv Long Sl.

4774

Hyb-Mix-7, TP & Long Sl.

2324

4775

"

2325

4776

"

4777

"

4778

"

4779

"

4780

T. Patna ck

75

Hydr Mix-7, TP x Long Sh

4781

"

4782

"

4783

B4026A5-23-4-4, R7689 x R

2370

4784

No taller than Rex check

"

4785

"

4786

No taller than Rex check

Some have to go

4787

4788

4789

B 4026 A 5-23-4-4, R-7689XR

4790

"

4791

"

4792

"

4793

"

4794

"

4795

B 4026 A 5-23-4-13,

"

2379

✓

4796

"

B4026A5-23-4-13, R-7689XR 4737

"

4738

"

4739

78 Rexora, chuck

4800

B4026A5-23-4-13, R-7689XR 4801

2382 B4030A3-13, R-7689XR

4802

Her

"

4803

"

4804

4805

B4030A3-13, R-7689 x R

4806

u

4807

u

4808

u

4809

u

4810

u

4811

u

4812

u

B4030A3-13, P-7689 XR 4313

387 B4031A1-1-¹⁻¹~~BTP~~ XR-SBR 4314
 v. short stem in 1946

" -2 4315

" -2 4316

" -4 4317

" -5 4318

" -6 4319

73 B4033A4-38-1, check 4820

4821

B403/A1-1-12¹⁻⁷TP x R-SBR 2387

4822

"

-8

4823

"

-9

4824

"

-10

4825

"

-11

4826

"

-12

4827

"

-13

4828

B403/A1-7-5,

"

2399

B4031A1-7-5, TPxR-SBR 4829

"
✓ green straw, no Co 4830
Mr

" 4831

" 4832

B4033A4-15-6, TPxR-7689 4833

414

" 4834

" 4835

" 4836

4837

B4033A4-15-6, TPR-7689

4838

"

4839

"

4840

Texas Patna, check

15

4841

B4033A4-15-6, TPR-7689

4842

4843

4844

B4033A4-15-6, TPxIR-7689

4845

B4033A4-31-1,

"

732

4846

"

4847

"

4848

"

4849

"

4850

"

4851

"

4852

4853

B4033A4-31-1, TPXR-7689

4854

"

4855

"

4856

no CO.

"

~~NW~~

4857

B4035B44-11-4, TPXR

2738

4858

"

4859

"

4860

Rexona, check

78

11/20

B4035844-11-4, T.P.R

Sh. ^{straw} ~~the~~
V. long-grain

Rex

good

4861

He

"

4862

He

"

4863

He

"

4864

He

"

4865

He

"

4866

He

"

4867

He

"

4868

He

4869

B4035 A2-4, TP x R

2744

4870

"

4871

"

4872

"

4873

"

4874

"

4875

B4036 A1-7-7, R-D x R

2755

4876

" "

"

B4036A1-7-7 R-D x R 4877

"

4878

"

4879

13 B4033A4-38-1 TP x R-7689 4880

B4036A1-7-7 R-D x R 4881

"

4882

"

4883

Dr. Sl. shorter than Ref 4884
 V. little taller than A4-38
 Some Co stands V. well

4885

B 4036 A1-7-7, R-D x R

4886

"

4887

"

4888

"

✓

4889

R x Pr Leaf rogne - 1

2765

4890

"

- 2

4891

"
V good Co 2765-3
late B46-2765-3
Med-gr.

4892

"

R x P₂ Leaf rogue

4893

770

"

4894

"

4895

"

4896

"

4897

"

4898

785

"

4899

785

T. Patino, check

4900

4901

Rx Pa Lf. roque

4902

"

4903

Rx Pa Lf. roque

2790

4904

"

4905

"

4906

"

4907

"

4908

"

Rx Rx Leaf rogue

4909

"

2791

4910

"

4911

"

4912

"

4913

"

4914

" "

4915

"

4916

4917 R x P₂ Leaf roque

4918

2798

4919

4920 Revoro, check

78

4921

4922

4923

4924 Karang - serang selo,
found plot on Station

Karang-serang sek

4925

"

4926

"

4927

"

4928

"

4929

"

4930

"

4931

"

4932

4933

Karang-sarang, Sels

4934

"

4935

"

4936

"

4937

an early met-a type

4938

"

4939

"

4940

"

102

Karang-serang sel

4941

"

4942

"

4943

Karang-serang sel

4944

3 rows

may be Risor

looks to be Rk but
found 2 pl which
may be Fio

Karang-serang sel

4945

"

4946

arang-serang sel.

4947

like made by Amheim

"

4948

4949 Kerang-serang selo luy
Amheim

4950 Bi him v. short sturdy
Hw straw bearded
CO resistant

4951 rather tall
Breding line uni

4952 looks to be Perow
v. good, + on CO

4953 "

4954 "
v good, uni sm. large gr.
Hw

4955 "
BR type

4956 "

Kerang-serang	lele by	4957
Amber		

Same as	4950	4958
---------	------	------

Tail, fairly	early	4959
--------------	-------	------

"		4960
---	--	------

"		4961
---	--	------

"		4962
---	--	------

Bearded

"		4963
---	--	------

"		4964
---	--	------

4965

Kerang-serang selo by
Amrhein.

4966

"

4967

"

4968

Vsl. grain

4969

"

4970

"

4971

"

Vsl. grain, V.-much like 4968

4972

Beaded, similar to 4950

Karang-serang sub long
Amrhein 4973

"

4974

"

4975

"

v. long slender gram

4976

"

Highly sterile

4977

Karang-serang

sub long Amrhein

4978

1 Fullis long purple

4979

Karang-serang, Check

4980

2 smooth type present

4981

Tullia, long purple

4982

"

4983

"

4984

"

4985

"

4986

"

4987

"

4988

"

Tullis, long purple

4989

"

4990

"

4991

"

4992

"

4993

"

4994

"

4995

"

4996

4997

Tulles, long purple

4998

"

4999

"

5000

Revers led from Pat Boyl farm

5001

Koranga - strange lobs
gold - fluted purple stems
are flavoured types present
may be all flavoured.

102

5002

Purple stems

5003

"

5004

"

2 Kirang-srang sub

5005

"

5006

"

5007

"

5008

B4033A4-38-1;6, phys Brown

5009

83

Breeding time

He

"

"

5010

"

"

5011

"

"

5012

"

"

5013

B4033A4-58-1-6, phys Brown

248

5014

gold-hull Tuna by Bythwood

5015

gold-hull Tuna by Bythwood

5016

B322 B44-5, R-F (Nat'l Crane)

44

5017

"

5018

"

5019

"

5020

"

41- BB22 B44-S R-F (Hatt Crane) 5021

type S 41-10609, R-SKR Feb 5022
-SKR from Leura

" 5023

" 5024

" 5025

" 5026

" 5027

" 5028

5029

5029 541-10609, R-SBR, 8eb

5030

11

5031

5032

11

5033

11

6001

B451A, Bluebonnet x B3812A1-2-2

6002

6002

6003

6004

Bluebonnet Parent 451A Cross 4105

6005

1111

6006

6007

6008

6009

6010

6011

6012

Mud - or types present, defecation
Rough hulled; del strain

6013

B453C, Bluebonnet x B4033A⁴³

6007

6014

6015

6016

6007

6017

6018

6019

6020

6021

6022

6023

6024

B 454A Bluebird x 6352A 11-2-3-2
6009

6025

6026

6027

6028

6029

6030

6031

6032

Later maturing than 4033A & 473
Cross with BB61

6033	B454A1, Bluebonnet x R-R	6009
6034	B454C1, "	6011
6035		
6036		
6037		
6038		
6039		
6040		
6041		
6042		
6043		
6044	B455A1, Bluebonnet x B4631A13-3	6014
6045	No ripe plants on Sept 20.	
6046		
6047		
6048		6015
	B455B2	

015 B455B1, Bluebonnet x B493/A1-3-3 6049

016 B456A1, Bluebonnet x B371/A13-2-2 6050

6051

6052

6053

6054

6055

6056

6057

6058

6059

6060

6061

6062

6063

6064

Bluebonnet

6065 ^{B457A} Bluebonnet x B347840-9

6018

6066

6067

6068

6069

6070

6071

6072

~~6073~~~~6074~~~~6075~~~~6076~~~~6077~~~~6078~~~~6079~~~~6080~~

no subm

~~6081~~~~6082~~~~6083~~~~6084~~~~6085~~~~6086~~~~6087~~~~6088~~~~6089~~~~6090~~~~6091~~~~6092~~~~6093~~~~6094~~~~6095~~~~6096~~

~~66087~~

~~66098~~

~~66099~~

~~66100~~

66101 B457A1 Bluehannel x B347B40-9 6018

66102

66103

66104

*Lab mode
10/27/47*

66105

B459A1
Hill del x R-SBR

6020

66106

66107

66108

66109

66110

66111

66112

*Has better types than 459A3
Are possibly sl. later heavier stands
more vigorous plants.
Some rather late plants with good
stems & grain.*

6020

B459A1 Hill sel x R-SBR

6113

6114

6115

6116

6117

6118

6020 B B459A3 →

11

6119

6120

6121

live

6122

6123

6124

6125

6126

6127

6020 ♀ Parent Hill sel Parent

6128

a good many early
plants. Some very early
early tipped for grain & plant
character

6129

Heel Sel

♀ Par. 61208

6130

Heel Sel

6131

B4510A1, Heel Sel x Bluebonnet

6021

6132

6133

6134

6135

6136

6137

6138

6139

6140

6141

6142

6143

6144

B4511A1

Heel Sel x B4031A1-3-3

6022

very early

mostly very early
plants
a few later

B4512A1, Heel Sel x Bluebonnet

6023

Heel Sel throws very slender
typical in all crosses

64512A1	Helsel x Bluebonnet	6145
Many early plants on Sept 20. Some are weeping.		6146
		6147
		6148
		6149
624-1, B4513A1,	Helsel x R-S BK	6150
		6151
		6152
		6153
		6154
		6155
		6156
		6157
624-2 B4513A2	"	6158
		6159
		6160

6161 B4513A2, Heibel x R-SBR

6024-2

6162 B4514A1, Heibel x B4033A4-30-2, 6025-1

6163

6164

6165

6166

6167

6168

6169

6170 B4514A4,

6171

6172

~~6173~~

~~6174~~

~~6175~~

~~6176~~

a number of plants ripe on
Sept 20 - saved

OK

later than
4514A1
no ripe plants Sept 20
not Heibel R-769
all shown Heibel
Sep Rungt smooth
all pl. grain type
months
1 grain shown
months later 6025-4
months later

6177

6178

6179

6180

6181

6182

6183

6184

6185

6186

6187

6188

6189

6190

6191

6192

6183

6194

6195

6196

6197

6198

6199

6200

6201 B4514A4, Hill sel x B4033A4-30-2 6025-4

6202

6203

6204

6205

6206 B4515A1 Hill sel x B347B40-9 6026

6207

6208

all are late
2nd cross but
not Hill x B4033A
all straw-budded
eye range from
apparently less than
is! Row. Sm.

Very good early
types, called
grand star
many inches

026 B4515A1, Hill sel x B347840-9

6209

6210

6211

6212

6213

027 B4516A1, Hill sel x B4031A1-3-3

6214

6215

6216

6217

6218

6219

027-2, B4516A2,

"

6220

6221

6222

028 B4517A1, Hill sel x B4037A4-30-2

6223

6224

Very early types
good plant characters

Many varieties
types
plant characters

28
6225 B4517A1, Hiedel x B4033A4-30-2 6028

6226

6227

6228

6229

6230

6231

6232

6233

6234 B4519A1, B4033A4-38-1x R-SBIC 6029

6235

6236

6237

6238

6239

6240

029 B4519A1, B4033A4-3P-1xR-SRR

6241

6242

6243

6244

6245

030 B4520A1 B4033A4-3P-1x B347B40-9

6246

6247

6248

6249

6250

6251

6252

6253

6254

030-2 ✓ B4520A2

"

6255

6256

6241 6257 B4520A2, B4033A4-38-1 x R-N 6030-2

6242 6258

6243 6259

6244 6260

6245 6261

6246 6262

6247 6263

6248 6264

6249 6265

6250 6266

6251 6267 B4521A1 B4033A4-38-1 x B4033A4-43 603)

6252 6268

6253 6269

6254 6270

6255 6271

6256 6272

6257 6273

not a cross, all
quite uni med & grain type
med - long ad gr type Co resistant
good vegetation - plants
uncertain as to variety & seed
Possibly R-N or R-F

not true cross
Rough + short grain sign
V. long heads. Shaded brown

32 B4522A1, B4033A4-32-1x

Bluebonnet

many ex captives long grain types
mt. V. good slopes, a few V short & sturdy
Plants were flowered with long st
grain types. V. promising types.

6301

6302

6303

6304

6305

6306

6307

6308

6309

6310

6311

6312

6313

6314

6315

6316

6317

6318

6319

6320

6257

6258

6259

6260

6261

6262

6263

6264

6265

6266

6267

6268

6269

6270

6271

6272

34 B4524A1

B4033A4-32-1x B4031A1-3-3

no ripe plants on
Sept 20

6321 B4524A1, B4033A4-38-1 x B4031A1-3-3 6034

6322 B4525A1, B4033A4-38-1 x B3812A1-2-2 6035

6323

6324

6325

6326

6327

6328

6329

6330 B4526A5, B4033A4-38-1 x B4031A1-3-3 6036-5

6331

6332

6333

6334

6335 B4526A4, " 6036-4

6336

6337

6338 B4527A1, B4033A4-38-1 x Reverso 6037

6339

6340

037 B4527A1, B4033A4-38-1 v. *Reverso* 6341

for the report on
10/20 just repinning
leg for Co. v. mat.
also erect & drooping
flag.

6342

6343

6344

6345

6346

6347

6348

038 B4528A1, " X 54-10609 (R-SBR) 6349

6350

6351

6352

6353

6354

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6356

6357

6358

6359

6360

many v. good Co. erect
plant for 11/3/47

6361 B4529A1, B4033AY-38 x B4033AY-43 6039

6362

6363

6364

6365

6366

6367

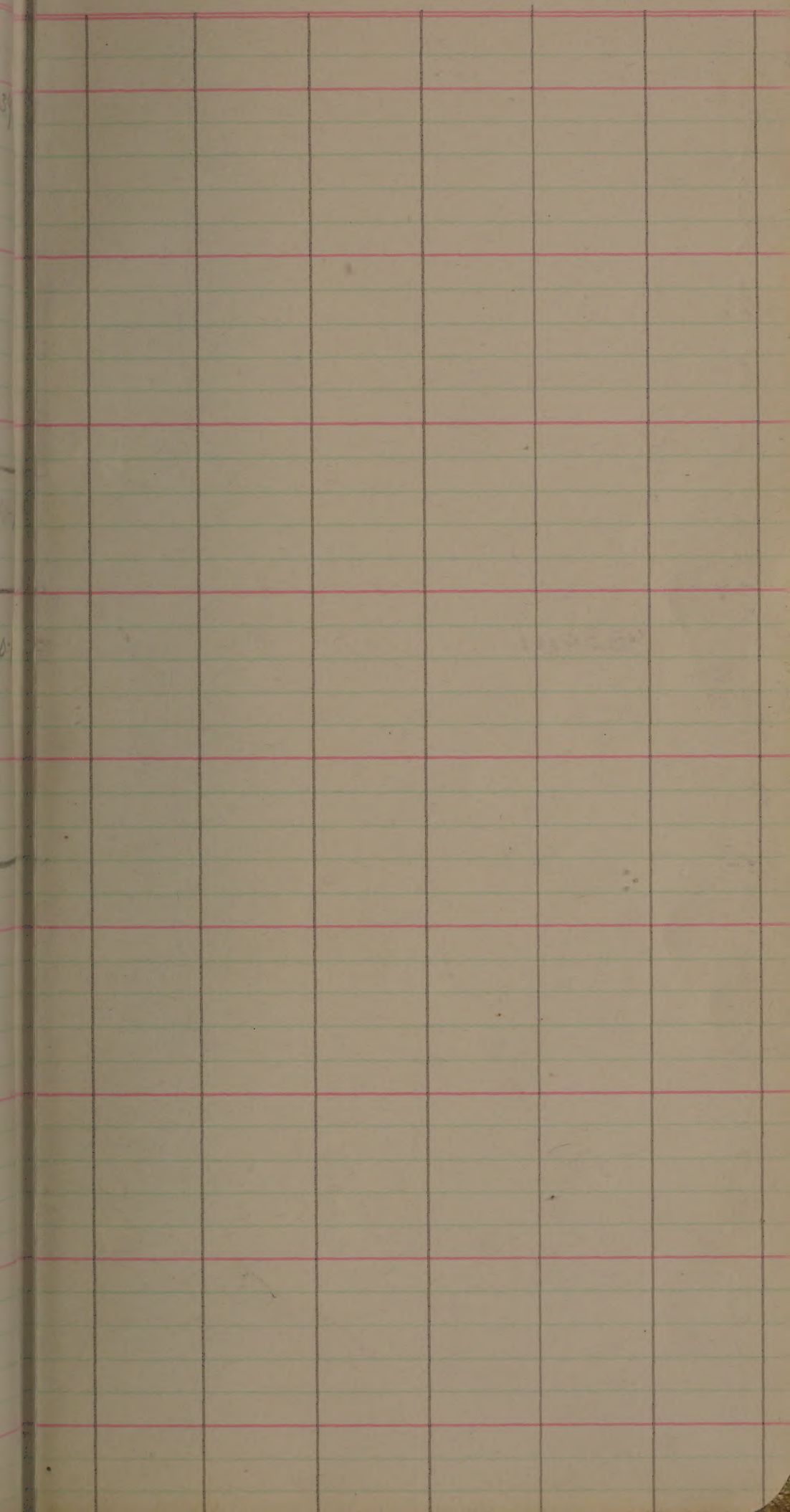
6368

6369 B4530A1 " x Huis Med. 6040-1

6370

6371

6372



check 4058 to 4100 at a
later date 4058 stal may be in
spiral mure. check reaction then

all nursery & field plots drained
Aug 8-12, except early plots
Raining for several days during this
period.

Had been flooded since treating
with 2-4D on July 8

Try to cross 136 with

541-10609

Smooth BK 41-EP

BK 41

Jap (Calson)

130 Ca Rex

Cody CI 8642

R x D 8643

Revack 8644

R x N 8975

1947

SMTWTFSS	SMTWTFSS	SMTWTFSS	SMTWTFSS	SMTWTFSS	SMTWTFSS
JAN 1	FEB 2	MAR 3	APR 4	MAY 5	JUNE 6
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
JULY 7	AUG 8	SEP 9	OCT 10	NOV 11	DEC 12
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pounds is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seedling vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seedling vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests:
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7 (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

straight lead Key

- T = few particles in row
1 = 5 %
2 = 15-25 %
3 = 30-45 %
4 = 50% and over
5 = 95% straight

1

cut
guard

1	101 17	8/6	8/12	9/5	
Colusa	235				
CI-1600 (1)	329				38
TS-19801	425				37

2	102 16	7/31	8/9	9/3	
Cody (1)	234				
CI-8342	328 328				36
	424				37

cut
guard

3	103 10	8/13	8/22	9/9	
Zenith (1)	237				
C.I. 7787	320				41
	423				40

cut
guard

4	104 11	8/14	8/25	9/12	
Magnolia	238				
CI-8318 (1)	322				44
	420				42

cut
guard

5	105 6	8/12	8/23	9/12	
Early Prodigio (1)	236	++	for wh. T.	9/12	
CI-5883	321				45
TS-19801	421				42

Ho	Co	Stright head	
	0	T	420
	0	1	340
		2 ✓	262
			<u>305</u>
			1327
	0	T	330
	0	1	276
		3	199
			<u>206</u>
			1011
	T	T	271
	T	T	284
			344
			<u>306</u>
			1205
	0	T	305
	0	T	380
			331
			<u>323</u>
			1339
	T	T	348
	T	1	359
			369
			<u>291</u>
			1367

quite tall on June 11

1990 44.2 ✓

1516 33.7

1808 40.2

2008 44.6

2050 45.6

6

①

106

9 8/7 8/15 9/10
normal Tip

B404A1-29-4, 239

BR41 x EP 323

422

40

41

7

①

107

7 8/8 8/17 9/9

C6-250-121, 243

CO-BR x S-F 326

416

39

39

8

108

8/20 8/26 9/12

C6-250-128, 241 CrCO-BR x S-F 327 V18

415

40

42

9

109

26 8/22 9/2 9/22

B4045B44-8, 240

R-SBR x BR41 324

417

39

41

10

110

Cr 8/9 8/16 9/7

C6-252-1-2, 242 V14

I-BR x S-F 325

414

42

44

cut
grounddiscdiscdisc

CO Straight
head

0 1 349

0 1 359

299

323

1330

0 0 375

0 T 384

330

369

1458

0 T 285

0 1 289

266

340

1180

0 T 252

0 2 181

260

309

1002

0 T 264

0 1 313

270

348

1195

V. wide leaves on June 11

Badly discolored from phyl-
laxer when overripe leaf
tips die back fast.

V. wide leaves on June 11.

Much taller than #7

V. tall on June 11.

Discolored rapidly when over-
ripe. Very short on June 11.
consider taller than 250-121, but
better straw, & grain.
Straw stays quite green when
overripe. Uniform ht. Possibly both

1995 44.3

2187 48.6

1770 39.3

1503 33.4

1792 39.8

cut
ground

11

Prelude

CI-8311

111

232

331

418

14 8/14 8/24 9/14
considerable wht Typ

44

43

12

CC-253-9-2

~~CC-254-1-2~~

E-F x S-F

112

233

336

419

13 8/16 8/23 9/12

41

45

13

S44-13

S x 2835

113

245

334

411

Stutt 8/18 8/24 9/18
some wht Typ

44

46

14

S415A1-1-12-1, 247

Z x N

335

413

114 Stutt 8/13 8/28 9/12

47

46

15

S415A1-1-20-8, 244

Z x N

332

410

115 Stutt 8/11 8/20 9/8

46

44

use new stream
from Stutt.

Co Straight
lead

0 T 330

0 T 368

366

365

1429

0 T 292

0 T 255

277

290

1114

0 2 174

5 100

3 192

211

677

0 T 268

0 2 316

308

309

1201

0 T 267

T 296

280

295

1138

Very tall on June 11.
leaves die back too rapidly

Very tall on June 11, Tallest in mass
almost completely stunted,
(straight head)

Too late

Early mat. shorter than 14
uniform but good

2144 47.6

1671 37.1

1016 22.6

18024 0.0

1707 37.9

16

116 *Stutt* 8/5 8/5 9/5

S 41/A 44-B17, 246

M-K x Cdy - S 333

disci.

412

39

36

Co	Sta.	16d
0	3	151
	5	163
	4	124
		<u>220</u>
		658

Short on June 11.
Highly sterile

22.

987 21.9

cut guard 17 (4) 117 cr. 8/23 9/5 8/19
 C4-II-8-14-5, 229 Some wh T. Slight 9/12
 R x BR-R 350 Exceptionally uniform 44
 455-norm. Tip 43

18 (4) 118 53 8/30 9/5 9/23
 C4-II-1-8-1, 227 T
 R x (BR x R) 354 45
 453 42

cut guard 19 (4) 50 8/26 9/6 9/20
 Bluebonnet 119
 CI-8322 230 43
 TS-33104 351 44
 447

20 (2) 120 14 8/14 8/24 9/14
 Prelude 228
 CI-8311 352 44
 See #11 450 42

21 (2) 121 13 8/16 8/26 9/11
 C253-9-2, 223
 E-F x S-F 348 45
 See #12 448 45

str
11 0 T

0

T
0

T
T

325

335

308

357

1325

0

0

412

0

0

404

375

394

1585

T

0

389

+

T

355

346

333

1423

T

1

396

0

1

408

440

350

1594

0

T

383

0

1

320

342

389

1434

sl

looks very promising

Tall on June 11.

T after the BBT $8\frac{1}{2}$ more

lower leaves
much like BBT, finer stained

Stand is as good as other rows

✓ Tall $8\frac{1}{2}$

✓ tall on June 11.

Drops back too fast

1988 44.2

2378 52.8

2134 47.4

2391 53.1

2151 47.8

22

122

1 8/19 8/27 9/14

B4031A1-3-3, 225

TPx R-SBR 353

452

considerable wh. Tip 8/12

39

36

23

123

19 8/18 8/28 9/16

B4031A1-1-4-5, 222

TPx R-SBR 356

449

Taller & lighter green color

than #22, only 1/2 wh. T. 8/12

38

41

24

124

3 8/17 8/27 9/12

C5-157-6, 224

CO-D x R 347

454

considerable wh. T. 8/12

47

44

25

125

2 8/19 9/2 9/19

Hill Long

231

m wh. T. looks very good 8/12

Patna

349

456

42

43

26

126

5 8/20 8/27 9/16

541-10669,

226

looks very much like #23

R x SBR

355

sl. lighter green color.

43

44

CI-8644

451

Lodging

Co

str
hd

mkt
Tap

0

T

+

0

1

0

1

T

0

2

0

1

+

0

1

+

1

0

+

T

leaving

T

0

0

leaving

T

1

not as fine stemmed as A1-1 lines
leaving badly on Sept 23

fine stemmed on June 11.
one of tallest on July 14

grows too tall, v. poor panicles
short & few grains, Taller than
Hill

v. wide leaves.

leaves sl. wider than #27

260

300

340

352

1252 1878 41.7

346

277

164

321

1108 1662 36.9

291

253

267

286

1097 1646 36.6

216

245

306

344

1111 1666 37.0

352

322

339

395

1408 2112 46.9

27

127

18

8/30 9/25

B403/A1-1-3-5, 252

short 8/2

TPxR-SBR 305

39

406

39

28

128

21

8/22 9/1 9/20

B403/A1-24-1-2, 249

Tail 8/12, consid whT.

TPxR-SBR 301

later but very good. 40

Has best grades tipped by for the 41

heaviest straw, much like A1-3-3 in this respect

29

129

22

8/20 8/28 9/19

B3713A10-1-3-2, 253

Tail on 8/12

SxR

304

Very bad for straight. head 42

407

44

30

130

149 8/28 9/14 9/30

B403/A1-1-1-4, 255

short & dark like 1-3-3

TPxR-SBR 306

41

404

43

31

131

150 8/14 8/21 9/8

B403/A1-1-8, 256

one of best for 8/2

TPxR-SBR 309

consider wh Tip

39

401

43

Co	str Hd	nh T
----	-----------	---------

0	0	0
---	---	---

0	2	
---	---	--

0	0	+
---	---	---

0	1	
---	---	--

0	2	0
---	---	---

0	2	
---	---	--

0	0	0
---	---	---

0	3	
---	---	--

0	T	+
---	---	---

0	0	
---	---	--

fine stemmed on June 11.
Very uniform short straw
later than others

Excellent grain type
Possible substitute for A1-1-4-5

Wide leaves rather short on June 11.

fine stemmed on June 11

fine stemmed on June 11.
considerable sun scald
Earliest long st. plot
v. green straw on 9/23

304

268

291

246

1109 1664 37.0

329

313

325

321

1288 1432 42.9

307

273

316

344

1240 1860 41.3

171

186

271

302

930 1395 31.0

269

294

294

341

1198 1797 39.9

29 34-45 in 1st series on
Knob, very poor yield as a result
See notes $\downarrow$

32 132 153 8/21 8/27 9/17
B4031 A1-1-4-4, 251 shorter than 31 but no
TPxR-SBR 307 no T. 8/2 42
405 40

33 133 154 8/27 9/6 leg 9/30 41
B4031 A1-1-5, 348 Tall, no T. tip
TPxR-SBR 303 41
409 43

✓ R 34 134 160 8/27 9/5 9/23
B4031 A1-2-2-5, 254 no T.
TPxR-SBR 308 39
402 39

P 35 135 171 8/19 leg 9/4 9/19 43
B4045 A1-4-1, 256 no T.
R-SBRxBR41 302 43
408 44

	Go	lt/lt	ml T
--	----	-------	---------

	0	2	0
--	---	---	---

	0	3	
--	---	---	--

	0	2	0
--	---	---	---

	0	3	
--	---	---	--

	0	3	0
--	---	---	---

	0	3	
--	---	---	--

	+	T	
--	---	---	--

	+	T	
--	---	---	--

Finestemmed on June 11.

V. uniform heading & ht.
Some sterility

Finestemmed on June 11.

Poor grain yield
Wider leaves more erect flag
than other TP x R-SBPs

Taller than most TP x R-SBPs
not as productive.

222

303

292

331

1148 1722 38.3

158

296

224

255

933 1400 31.1

255

219

257

332

1063 1594 35.4

233

267

234

229

963 1444 32.1

VP 36

136 4931 8/13 8/24 9/9

B44-4931 206

Hill Med. Sel. 314 guard rows are 2 with 4/

disc

441 guard rows are 2 with 4/

VP

37

137 27 8/12 8/24 9/12

B45-5003, 201 v. short 1/2

Hill Sel. 319

439

38

39

VP

38

138 28 8/20 8/26 9/20

B4044 A3-4-2-8 202 v. tall 1/2

R-SBR x BR 311

45

disc

443

44

VP

39

139 28 46 8/24 9/19

B4044 A3-1-1-6, 207 shorter than #38 1/2

R-SBR x BR 313

46

437

42

VP

40

140 25 8/22 8/30 9/20

B4045 B44-3, 210 v. short 1/2

R-SBR x BR 41 315

41

442

40

Co	str hd	mh T
----	-----------	---------

0	T	0
---	---	---

0	T	
---	---	--

0	1	0
---	---	---

0	T	
---	---	--

0	T	0
---	---	---

0	0	
---	---	--

0	T	0
---	---	---

0	T	
---	---	--

++	0	0.4
----	---	-----

++	T	
----	---	--

16

1.1

v. tall on June 11. (Rough)

v. tall on July 14, not like other Hill
much like Smith 2/2

Is possibly typical Smith.

very light gold in 1st series
v. good in 2nd.

are 7 tallest on June 11.

most too tall, willowy straw

light green yield in 1st

v. good in 2nd, no taller than Hill

v. green straw, long straw

Taller than most on June 11.

Short straw, sign maturity.

Indian type (Parwar)

202

316

328

304

1150 1725 38.3

248

363

306

349

1266 1899 42.2

232

320

323

391

1266 1899 42.2

197

388

384

326

1295 1942 43.2

190

315

365

313

1183 1774 39.4

V.V.P 41 141 168 8/18 8/24 9/14
 B4045B44-2 208 Tall 3/12, very good
 R-SBR x BR41 312 45
 446

VVP 42 142 169 8/20 8/26 9/19
 B4045A1-2-3, 205
 R-SBR x BR41 317 43
 445

P 43 143 4783 8/30 9/7
 B46-4783, 209
 R-SBR sel 310 guard rows 541-10609 42
 440 guard rows 541-10609 42

cut guard P 44 144 4799 8/31 9/7
 B46-4799 203 straw hulled, shatters v. badly
 R-SBR sel. 316 v. uniform, one of v. best 42
 438 42

45 145 4856 8/22 9/4 9/19
 B46-4856 204
 R-SBR sel 318 } guards are SBR 38 R
 444 } 37
 sown in 1044 space

Ho	Co	str Hh	nhT
----	----	-----------	-----

	0	3	0
	0	2	

+	0	T	0
	0	T	

	0	T	0
	0	0	

	0	T	0
	0	0	

	0	1	0
	0	1	

Taller than others on June 11

9 very good smooth mud gr. type

Rather tall irregular bet.

Short 8 1/2

Very much like 44 in 2nd unit
shorter straw V. good

Short 4 1/2

V good B&T type with shorter stiffer
straw. In our ripe stage is V much
like B&T. but shorter straw

V. short straw shorter than B&T
same seg. straw bill
Short 1 1/2

165

280

319

310

1074 1611 35.8

170

286

311

335

1102 1653 36.7

179

346

276

382

1183 1774 39.4

282

431

386

309

1408 2112 46.9

189

291

301

276

1057 1586 35.2

46

146 5397 8/20 8/27 9/13

disc

B433A2,

217

Highly sterile

B40-3299x

346

44

(R-SBRxBR41) 428

43

47

147 5468 8/15 8/24 9/14

B4310A1-20, 214

B4112A5-8x 338 ^{one} guard row is Zenith (40)

BR41-EP 433 guard rows are Zenith. 40

48

148 5546 8/10 8/24 9/14

B4311A2-37,

213

Some wht. prob. sign.

B4112A5-8x

344

37

8323-Z

426

one guard row is Zenith 38

49

149 5576 8/9 8/24 9/14

B4311A2-27, 218

B4112A5-8x 342

8323-Z

427

Segmat
 all guard rows are Zenith
 Highly sterile, Zenith OK. 40
 42

50

150 5601 8/10 8/20 9/12

B4311A3-14,

220

B4112A5-8x

341

~~B4311A3-~~

8323-Z

429

one guard row is Zenith

41

42

120

CO

str
Hh

wh
T

0

1

0

4

~~4~~

4

R

0

2

0

0

2

0

3

T

0

3

0

3

0

0

4

0

1-2

0

0

1

Rather thin stand. v. good in 1st series

Med ht $8\frac{1}{2}$, good
mostly sterile like 40-3299 parent
Too tall

Looks very good on July 14
v. Tall $8\frac{1}{2}$, v. very good color
considerable sterility but very good
Has very green straw,
shorter than EP.

v. thin stand, rather tall on June 11
darker color than others on July 14
very bad for sterility
grain type inferior to 47 (broad)

Tallest of 3 ails on July 14
mostly sterile
Broad grain,

Thin stand, quite tall on June 11.
darkest color $9\frac{1}{2}$, taller than 49.
considerable sterility
Best of 4311A lines

239

188

336

195

958 1437 31.9

306

377

294

241

1218 1827 40.6

195

203

227

213

838 1257 27.9

147

140

210

149

646 969 21.5

301

312

299

326

1238 1857 41.3

51 ② 151 12 8/12 8/24 9/10

Lady Wright 215 consid wh Tip

TS 14803 343

43

CI 5451 431

41

52 152 28 8/15? 8/21 9/12

B45-5013, 219

Hill Sel. 336

39

435

40

53 153 145 8/9 8/16? 9/10

B411A3-36-1, 212 + for wh Tip

8323 x Z 337

4D

436

38

cut ground

54 154 33 8/10 8/20 9/9

B411A3-7-2, 216 + for wh Tip

8323 x Z 345

40

432

39

55 155 31 8/14 8/26 9/10

Honduras

211 + for wh Tip

TS-1611 339

43

CI-1643 434

44

No	Co	str 1st	ruh T
	+	2-3 3	+

0	1	0
0	2	
	1	

T	1	++
0	2	

0	T	++
0	T	

T	2	++
0	2	

Taller than adjacent plots on July 14
light green color, V tall 8/2
Very bad for sterility

looks V good 8/2

Narrower leaves than 54 on June 11
Taller & lighter green color than 54 July 14
much greener stem than 54

considerable sterility

one of very worst for sterility

273

239

296

246

1054 1581 35.1

233

234

224

214

905 1358 30.2

256

275

297

284

1112 1668 37.1

271

305

371

306

1253 1880 41.8

190

186

205

167

748 1122 24.9

56

156

36

8/15

8/27

9/18

B323B44-8,

221

Some Wh. Trip

BR41-EPX

340

43

K-7143

430

42

Co

Qty
100

wh
Tip

0

T

+

0

3

2

100

100

considerable sterility

286

368

261

230

1145 1718 38.2

57

157

8/30 9/7 9/28 50

3415A1-1-16-7, 282

Z x N 373

471

51

55

51

Stuttgart

58

158

8/30 9/7 9/29 52

3415A1-1-26-7, 286

Z x N 378

466

50

52

51

Stuttgart

59

159 40

9/6 9/15 10/4 57

Nina (4) 281

CI-2702 375

TS-19926 467

55

59

57

cut guard

60 (4)

166 320 9/3 9/13 10/1 46

B347B44-13, 277

R x N 374

468

45

51

46

Hasa much cleaner texture than 40-9

cut guard

61 (4)

161 42 9/2 9/12 10/1 46

B347B40-9, 279

R x N 376

CI-8975 470

43

48

45

cut guard

H₂O

CO

~~CO₂~~

mol
Type

0

0

0

0

0

0

0

0

0

0

0

~~1~~

0

0

is rather tall more leafy than
#58 & less leaf drying stands
straighter when overripe

Is taller than R. N's on June 11
1

looks v. good in overripe stage
less tendency toward straight-
head than 40-9.

leaves drying look a little
more than on 40-9 on 10/9

362

365

394

266

1387 2080 46.2

408

341

363

386

1498 2247 49.9

418

346

353

385

1502 2253 50.1

336

417

448

337

1538 2307 51.3

463

355

366

320

1504 2256 50.1

62	162 303	9/6	9/14	10/2	46
B347 B42 -16,	278				44
R x N	377				48
<u>disc</u>	472				45

63	163	9/7	9/15	10/4	56
C45-8134-9,	276				55
I x N	379				54
	469				52

46-843
Copy

64	164	5	8/18	8/27	9/16	41
415-10609,	274					44
R x SBR	381					43
	457					44

65	165	2	8/20	9/4	9/18	46
Patna						49
Hill King Grain	275					47
	382					44
	458					

66	166	1	8/18	8/27	9/15	37
B4031A1-3-3	273					38
TP x R-SBR	386					38
	459					36

Bodfro wht. 9/2

cut ground

Ho	Co	ltr Hd
	0	T
	0	

0	2
0	0

0

l

+	1
+	0

T	↓
T	0

Superior to 60861 on 8/12

V. good 8/12

Not taller than 66 on June 11.
Some lodging when here.

V. wide leaves, shot on June 11

Taller than 66 on June 11, & across leaves
leaves stay v. green in over-ripe
stage

420

353

358

337

1468 2202 48.9

440

489

423

340

1692 2538 56.4

310

404

330

252

1296 1944 43.2

333

348

238

185

1104 1656 36.8

334

397

321

231

1283 1924 42.8

67

(4)

167

8/27

9/4

9/26

47

Bluebonnet 284

44

CI-8322 386

48

TS-33104 462

47

68

(2)

168

47

8/26

9/2

9/26

51

Arkansas Fortuna 287

50

CI-8309 384

53

465

52

69

(4)

169

49

9/1

9/8

9/29

52

Fortuna (Texas) 283

47

CI-1344 387

48

TS-9821 461

48

70

170

8/26

9/2

9/25

51

S45-51, (4) 288

51

Smooth hull 385

51

Fortuna 464

48

71

(4)

171

45

9/4

9/13

10/1

47

C322A6-23, 285

47

R x F 383

47

460

44

No	Co	str Hd
----	----	-----------

	+	0
--	---	---

	+	0
--	---	---

	T	1
--	---	---

	T	2
--	---	---

	T	0
--	---	---

	0	3
--	---	---

	0	T
--	---	---

	+	0
--	---	---

	+	0
--	---	---

Has a thinner stand than others in the

Highly susceptible to straight-
break in / at

V. tall reg. growth $8\frac{1}{2}$, taller
than 7 ft.

370

353

345

272

1340 2010 44.7

460

401

328

327

1516 2274 50.5

427

457

431

317

1632 2448 54.4

229

301

366

351

1247 1870 41.6

476

445

309

297

1527 2290 50.9

72

(4)

172 53

8/26

9/3

9/26

47

C4-II-1-8-1,

286 ✓

44

Rx BR-R

388

43

463

46

Ho

Co

str
Hd

++

0

++

0

Dr's book as badly as B&T or
more

460

409

370

312

1551 232651.7

73	173 64 9/3	10/1	48
B3713A19-2,	262		46
SxR	372		49
<u>disc</u>	474		45

74	174 225 9/1	9/9	9/28	52
B347B44-3,	265			46
RxN	364			44
	479			46

75	175 321 9/1	9/9	9/28	51
B347B44-15,	259			46
RxN	369			45
	477			46

76	176 304 9/3	9/30	50
B347B44-9-1,	268		45
RxN	363		44
	488		47

77	177 312 9/7	10/6	53
B322B44-5,	267	more uniform than 310	49
RxF	365		49
	482		50

Co Sty

184

3

0

0

0

0

0

2

T

Definitely taller on June 10, Excl. stand
than stemmed. are 9 may lost on June 10.
Does look quite rapidly

grows taller than #60, & all
Similar ^{to 60} but more like min

Possibly a little shorter than 74.

Shows less leaf drying than 74+75

343

352

376

314

1385 2078 46.2

465

331

313

420

1529 2294 51.0

448

362

306

345

1461 2192 48.7

401

403

286

420

1510 2265 50.3

427

418

325

367

1537 2306 51.2

78	178 310	9/7	9/16	10/6	52
B322B44-3,	272				48
R x F	376				49
	484				50

79	179 61	8/26	9/6	9/25	49
Hyb. Mix-9-44-3271					46
TP x R x R-D	367				46
	483				48

80	180 330	8/27	9/4	9/25	47
B4033A4-30-4,	261				44
TP x R-7689	357				43
	478				43

81	181 236	8/27	9/3	9/25	44
B4033A4-30-2,	258				43
TP x R-7689	361				41
	476				43

82	182 335	8/29	9/1	9/28	45
B4033A4-47-15,	263				43
T x R-7689	360				42
	475				45

and ground

Co str
Hd
0 T

Segment 1

T-R. 2

mod T
+
hnt green
neg.

mod 0-T

Taller and finer stemmed than others
in June!!
Very irregular bet. light grain
field

Go down up on some plants in
over ripe stage

Much more uniform in bet than
801 P1, looks very good
Prob. better than A 4-50 line

492

482

340

470

17642646 58.8

387

412

338

359

14962244 49.9

331

286

287

331

12351852 41.2

491

390

275

313

14692204 49.0

467

368

310

330

14752212 49.2

cut guard

83	183	2382	9/10	9/18	10/10	43
B4030A3-13,	270	Indian Patina growth				43
R-7689 x 21P	358	habit,				42
	486					<u>45</u>

84	184	54	8/16	8/25	9/12	47
C.I. 3625a	260					43
Glutinous	366					42
	473					43

85	185	217	8/26	9/2	9/24	43
B45-2383,	266					42
Gold Bluebon -	362					40
net Sel.	481					46

86	186	55	8/26	9/7	9/25	45
B45-2379,	257					44
Bluebonnet Sel.	359					44
	480					47
	480					

disc

87	187	57	8/30	9/8	9/27	45
B45-2381,	264					42
Bluebonnet	368					45
Sel.	487					45

disc

Co
~~1~~
Probs
5
to
6

str
hd

0

0

5
complete
0

0

0

T

T

3

+

0

T

4

+

0

a very good looking type
best the late for this group,
stooks profusely, short stem
v. green vegetation, 14% grain
yield

Sl. shorter + more leafy on June 10
than BBT,
much taller than BBT, etc on 8/12
Highly susceptible to straight - hd.

larger grain than BBT.
Definitely taller and more erect
growth on June 10, also true July 14/
early sl. taller than other BBTs
on 8/12. Veg does not dry, looks
as lolly as BBT. Very lit,
leaves greener than BBT.

428 88

406

285

444

1563 2344 52.1

127

263

283

283

956 1434 31.9

290

328

243

376

1237 1856 41.2

221

344

303

406

1274 1911 42.5

206

386

406

483

1481 2222 49.4

88

cut
guard.

(4)

188 58 $\frac{8}{3}$, $\frac{9}{7}$ $\frac{9}{26}$ 42

B45-2382, 269 Excellent long al grain type 41

Bluebonnet 371 definitely shorter straw than 449

Sel.

485 B40-9

43

CO *St. H.*

+ 0

Has very short stem, stood
very well. No st. Hd while 86 & 87
are badly affected.

441

387

344

459

1631 2446 54.4

cut guard

89

561
~~744~~ 108

8/10

8/20

9/10

41

Caloro (3)

618

37

CI-1561-1

715

TS-19799

817

90

502 107

8/20

8/29

9/21

43

Acadia (3)

620

38

CI-1988

712

TS-19882

819

91

503 109

8/24

9/1

9/24

38

Asahi (3)

622

35

CI-8312

713

816

92

504

9/10

8/16

9/11

39

Conway

621

37

C.I-6949

711

818

93

505

9/8

9/13

9/10

38

BC-TV-6-15-1-1, 623.

716

814

36

Co ^{str}_{hd}

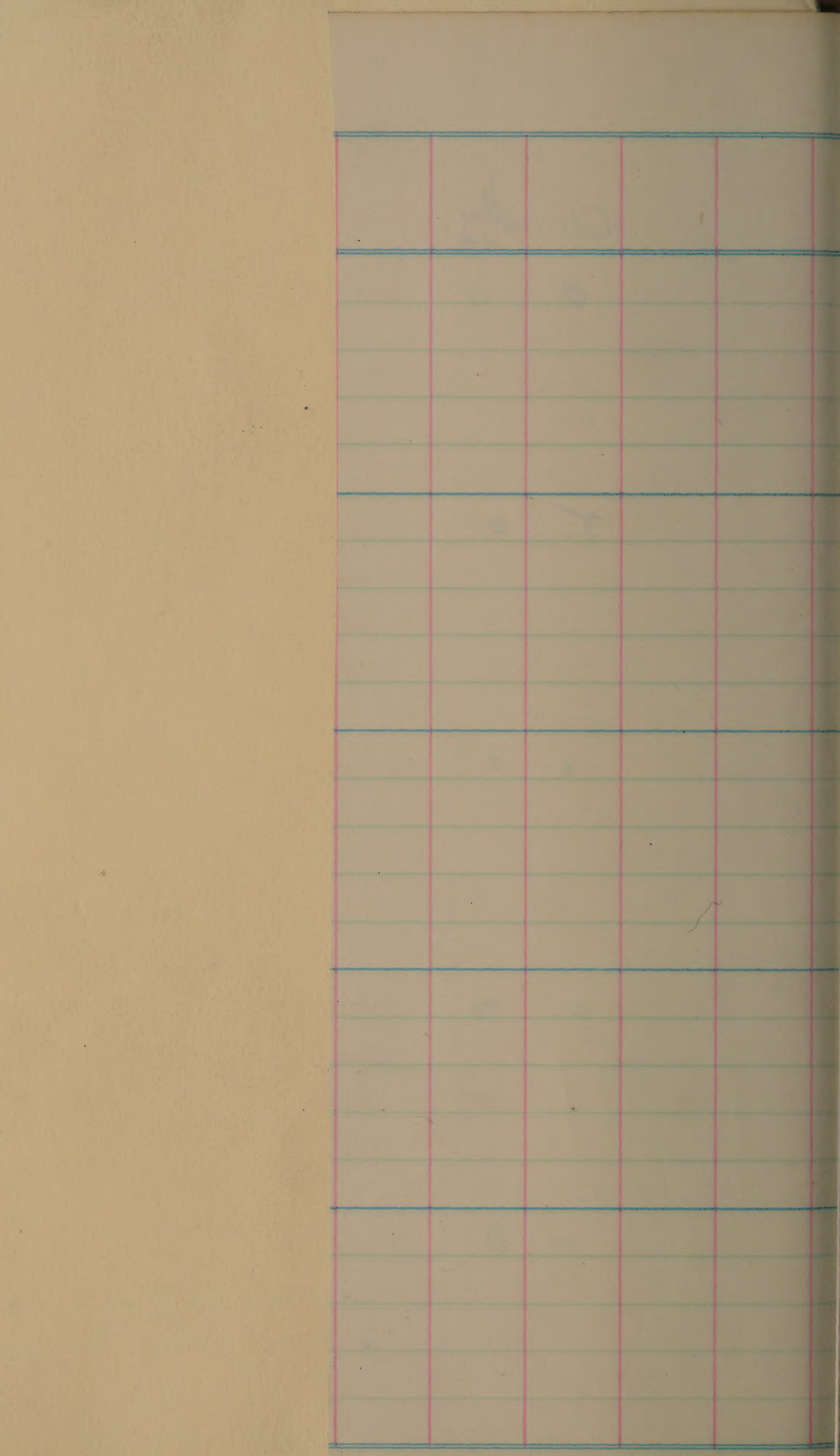
o o

T o

o o

o o

o o



286 98

198

176

213

873 1310 29.1

296 65

271

173

276

1016 1524 33.9

279 20

291

166

277 458

1013 1520 33.8

233 52

260

158

221 58

872 1308 29.1

220 10

235 30018

192

151 52

798 1197 26.6

94

(3)

506 110

8/16

8/25

9/18

42

Calady-40

619

H on white

40

CI-7686

714

815

95

(3)

507 119

8/27

9/2

9/24

39

B37/2A1-15-1-1-1, 609

some white

39

K-H x BR

708

821

96

(3)

508 121

8/30

9/7

42

B41/2A5-5-1, 611

611

no white

9/12

43

B41-3282K

709

BR 41

822

97

(3)

509 116

8/31

9/7

41

Blue Rose

608

++ on white

8/12

42

CI-1962

710

TS-7183

823

98

(3)

510 114

8/31

9/7

41

Blue Rose-41

610

In white

40

CI-8317

707

TS-33108

820

cut guard

cut guard

cut guard

Co $\frac{1}{2}$ H₂

+

O

O

T

O

In overripe stage has
very green vegetation
Short dry straw

328

290

188

262

1068 1602 35.6

367

399

328

331

1425 2138 47.5

354

385

270

223

1232 1848 41.1

264

330

278

273

1145 1718 38.2

302

294

270

300

1166 1749 38.9

99 (3) 511 8/29 9/5 9/30 40
 S405A44B-76, 617 ++ wht 8/12 42
 BR41 x Arkrose 701 only fair
 812 appears quite productive
 Arkrose strain type

100 (3) 512 111 8/23 9/1 9/24 40
 Arkrose 615 ++ wht 8/12 39
 CI-8318 705
 816

101 513 8/30 9/5 9/29 42
 546V512, (3) 613 some wht 8/12 45
 Arkrose Sel. 704 Tuller + more prod
 809 than Arkrose

102 (3) 514 122 9/4 9/13 10/3 45
 B42-2693, 612 47
 Brainmissie 706
 (Smooth) 811

103 (3) 515 113 9/1 9/8 9/27 40
 C3-I-9-2-4, 614 + wht 8/12 42
 BR x BR-R 702
 818

60

0

T

0

0

<

0

Taller than Arkansas, wider leaves, lighter
color on July 14.

Definitely taller than others on June 16.

Definitely taller than others on June 11.

226

337

370

200

1133 1700 37.8

236

232

292

215

975 1462 32.5

330

284

389

146

1149 1724 38.3

292

325

326

283

1226 1839 40.9

257

353

289

190

1089 1634 36.3

104

Kamrose

CI-8314

5/16 112

616

783

813

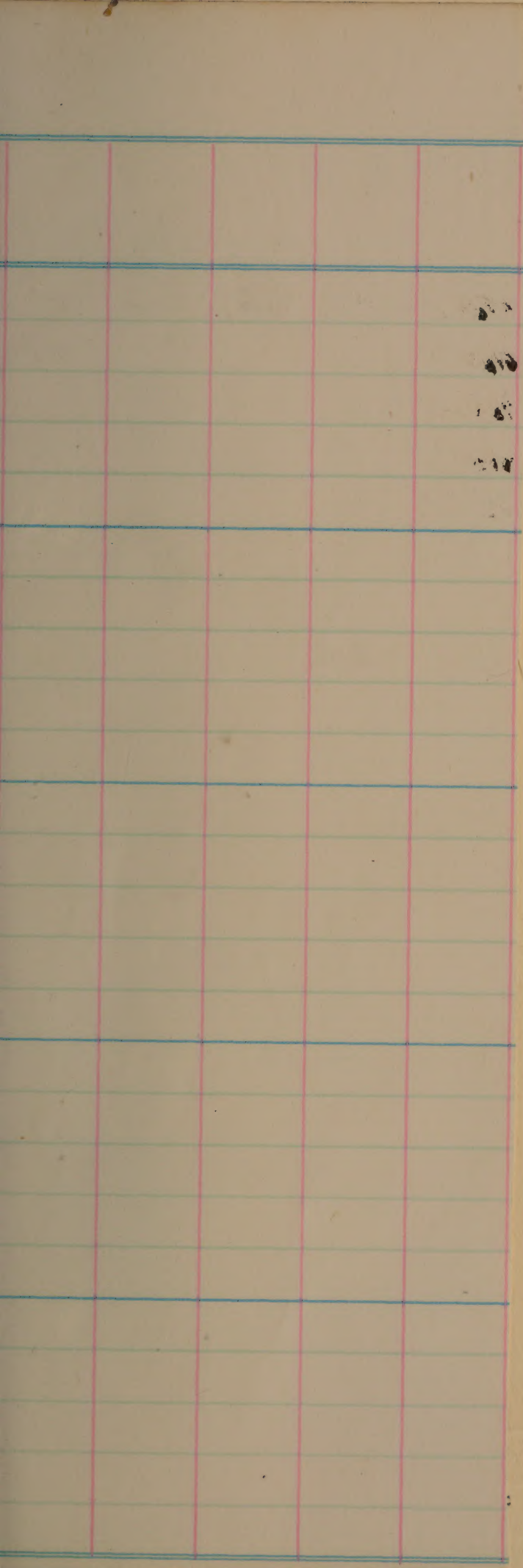
8/20

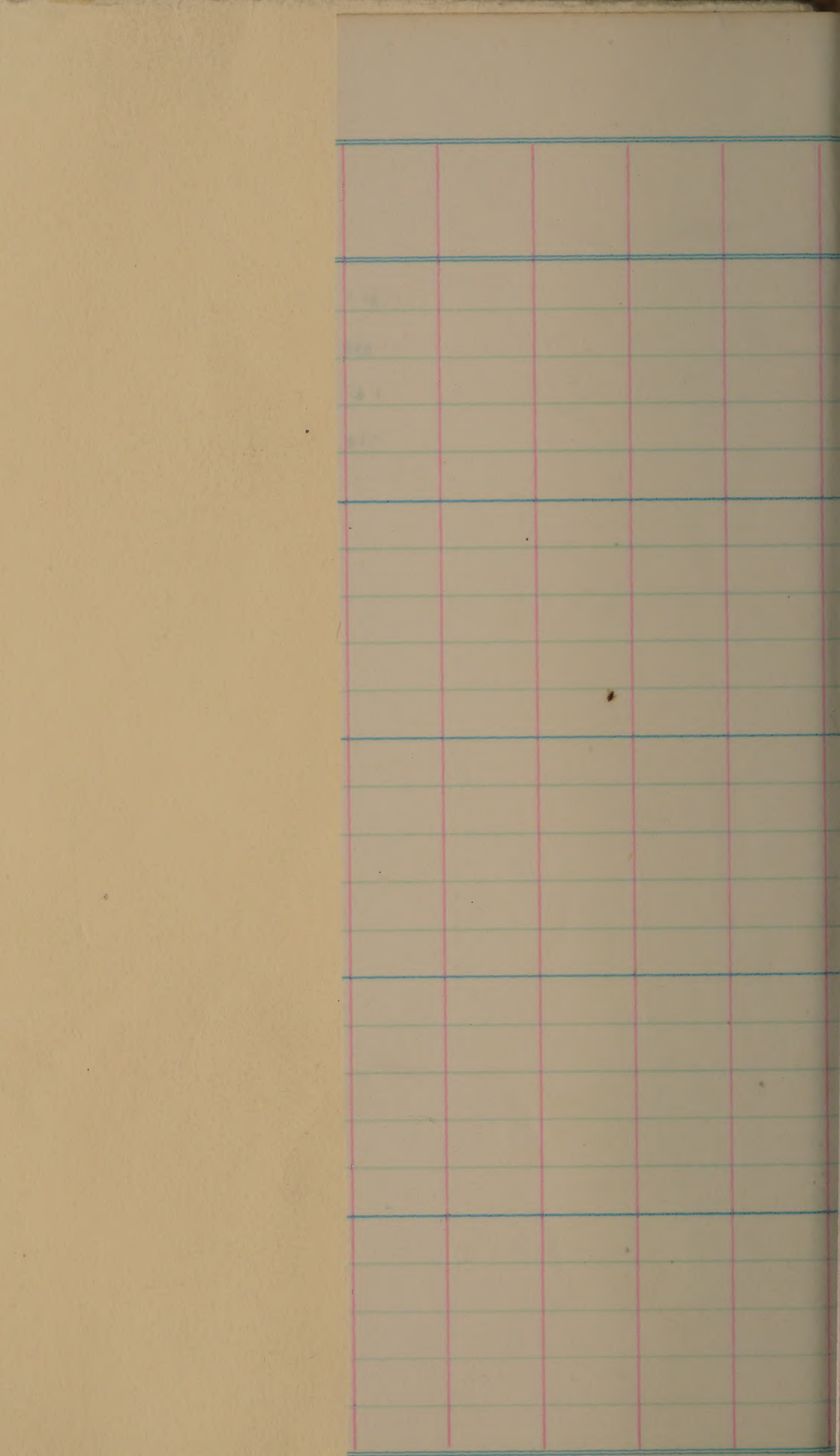
8/31

9/20

43

41





268

230

379

239

1116 1674 37.2

105 517 125 8/30 9/6 9/30 41
 Supreme 607 + Whit 8/12 43
 Blue Rose 723
 TS 19802 802
 CI 5793

106 518 130 8/26 9/1 9/27 42
 B3712A1-21-32, 602 drying back faster 46
 (KxH) x BR 721 than SKR
 disc 801 learning badly in 2nd series

107 519 133 8/18 8/27 9/18 40
 B344B41-2, 605 40
 CA x K 719
 803

108 520 134 8/24 9/1 9/25 40
 B3810B44-12, 604 Rather hairy. short gr. 42
 S-EP x CA-CLy 718 Smooth
 806

109 521 138 8/24 9/4 9/28 38
 B44-2396, 601 V. easily threaded 44
 Smooth BR 722 Sl. tangled in 2nd
 disc 807

CO

T

0

L

0

0

0

L

Definitely taller + lighter green color
than other plots.

281

331

230

298

1140 1710 38.0

225

422

319

488

1454 2181 48.5

341

332

245

260

1178 1767 39.3

302

373

325

345

1345 2018 44.8

248

364

224

245

1081 1622 36.0

110

522 2829 $\frac{9}{3}$ $\frac{9}{12}$ $\frac{10}{3}$ 42

B323B45-12, 603

44

R x SBR

728

ansi

805

111

523 2895 $\frac{9}{6}$ $\frac{9}{15}$ $\frac{10}{4}$ 40

B44-2402-33, 606

Short, green, heavy 40

Sm. BR Sel. 717

stems, & easily threshed

ansi

804

Later than BK.

good

Co

0

0

Ther stand 1 short on July 14

308

299

204

210

1021 1532 34.0

266

273

181

237

957 1436 31.9

112

524 70

10/20

Guidry, 658

51

C45-8087 729

48

~~gross~~ 848

113

525 78

10/25

cut
guard

Rexoro (5) 656

46

CI-1779 731

45

TS-19941 850

114

526 84 9/13

Delrex (5) 657

53

CI 8328 728

51

847

115

527 72

10/20

cut
guard

C3-22, (5) 659

47

1/8 Rexoro 730

44

849

116

528

9/7

9/17

10/8

C5-I-31-6, 652

45

BRx BR-R 727

47

845

~~just~~

Crawley V 565

Co $\frac{d}{dt}$

R

S+

$\frac{d}{dt}$
R

R

$M^2 - R$

V. green straw & Co resistance
but grows too tall.

Taller than similar material on July 14
Sl. earlier than Rex, Has Co
resistance & V green straw
Rel short straw. Prob best for
Rex substitute

long gr. type, full grain
Prob no value acc. big grain
gr. looks very much like L. 11
Too tall

427

466

339

306

1538 2307.51.3

401

411

282

272

1366 2049.45.5

358

340

243

241

1182 1773 39.4

368

379

295

271

1313.1970 43.8

238

325

202

153

918 1377 30.6

117

529

9/2 9/10 10/2

C6-250-2-2, 654

C6-BR x S-F 725

disc

846

Grady C3/29

44

42

118

530

83

9/2 9/12 10/2

C6-I-25-12, 653

BR x BR-R 724

844

45

43

119

531

82

9/8 9/17 10/10

C3-I-2-25, 655

BR x BR-R 726

disc

843

48

48

120

⑤

532

75

9/13

10/11

Texas Patna - 643

Se. A. 740

CI-8321-1 859

45

47

121

533

86

9/13

10/11

C4-II-1-24-1, 645

C45V-846, 735

R x BR-R 854

47

46

cut guard

Co

R

R

R

S+

S

Variable losses on June 11
R to Co but much less discoloration
? ? ? value

V. green vegetation
Best BR BR-R line

Too tall, filled very poorly in 2nd
disc & poor

drying back v. fast. 2nd, ht
too tall

Too tall, straw not long enough
2nd ht, disc.

188

219

219

203

829 1244 27.6

292

271

231

210

1004 1506 33.5

184

170

153

161

668 1002 22.3

251

225

172

197

845 1268 28.2

272

189

225

147

833 1250 27.8

122 (5)	534 71	9/17	10/16	
C3-10,	649			43
7/8 Rexoro	732			44
	856			

<i>cut guard</i>	123	535 73	9/15	10/13	
	B4033 A4-38-1,	646			41
	TP x R-7689.	738			43
	<i>Subst new strain</i>	859			

124	536 77	9/12	9/20	10/10	
B3713 A3-1	648				43
S x R	736				43
<i>disc</i>	857				

125 (5)	537 76	9/15	10/13	
C3-72-3,	644			42
R x Purple Leaf	739			43
	851			

<i>cut guard</i>	126	538 91	10/25	
	Hyb. Mix-9-44-36,	647		41
	TP x R x LS	733		40
		853		

Co

R

R

R

M.

R

Catharticus let, leaves
dry back fast
Fish die

2m. let.

a few plants S to Co. leaves dry
back fairly fast.
no value, leaf drying

V. green reg. V. short sturdy sta
Med-grain, questionable acc. grain type

245

297

259

198

999 1498 33.3

288

280

237

306

1111 1666 37.0

245

327

227

227

1026 1539 34.2

272

219

228

267

986 1479 32.9

408

398

261

271

1538 2007 44.6

cut ground
subject,
new strain

127

539 93 9/18

10/17

Hyb. Mix. - 656

43

10-44-40, 737

41

TP+R×R-D 155

cut ground

128

540 85 9/10

10/9

B32/B40-3, 651

47

R×D 734

46

CI-8343 852

CO

S

S

Has very green vegetation.
Yield possibly not as high as
Rivon.

Is taller than in previous years.
Co quite bad, good yield

300

311

269

249

1129 1694 37.6

297

312

196

227

1032 1548 34.4

129

541 192 9/11 9/20

B44-2981,

629

looks much like TP ⁴⁵ but

Strawhulled TP

744

shorter straw & grain ⁴⁵

Sil

828

130

542 179 9/10 9/19 10/10

B34/2841-1,

626

V. clean straw but ⁴⁵ light

CAxR

742

grain yield ⁴⁶

Use in Cresses

827

green straw

131

543

94 9/11

10/10

B4033A4-6,

628

disc

(TPx B33/3A1-16)

749

41

42

830

132

544 2666 9/15

10/15

B4033A4-38-

627

V. Uniform ht. ⁴³

TPxR-7689

748

43

824

133

545 2669 9/17

10/15

B4033A4-38-

631

Irregular ht ⁴³

TPxR-7689

745

42

829

Ho Co
R

R R

R-M

R

R

If grain were a little longer
would be good Co resistant
substitute for TP.

Tally: more vigorous
growing on June 11. Tallus lighter green
color on July 14.

Has very green veg when
over ripe, light grain yield
leaves still fully green on 10/31. TP dead

Heads shorter than A4-38
Inferior to → "

all A4-38 mislook suggest on June 1)

239

234

226

277

976 1464 32.5

128

121

108

154

511 766 17.0

276

209

238

180

903 1354 30.1

362

281

265

228

1136 1704 37.9

319

256

285

265

1125 1688 37.5

134

546 90 9/17

10/15

Texas Patna

625

Irregular ht

45

TS-33106

747

47

CI-8321

826

135

547 2682 9/15

10/15

B4033A4-38-1-17, 630 V Uniform ht

42

TPXR-7689

741

44

825

136

549 2833 9/5 9/13

10/4

B4044A3-1-1-1, 632

43

R-SBR x BR

746

44

832

137

549 2343 9/18

10/17

Hyb. Mix-10-44-40, 624

40

TPXR x R-D

743

41

831

Co

S

R

R

M-S

good straw, prob not
too tall,
some value, Parent

V. green vegetation when overripe
short, V. good
an exceptionally large grain + don't
not a Red grain.
One of V. best in test Red

237

213

197

236

883 1324 29.4

323

263

224

259

1069 1604 35.6

84

168

171

160

583 874 19.4

296

261

257

293

1107 1660 36.9

138

550 105 9/10 9/16 10/10

B352A1-59, 633

43

K x R 757

44

841

dec

139

551 180 8/22 9/7 10/2

B44-5067, 638

42

CA x R 755

38

836

140

552 176 9/6 9/17 10/6

B323A2-14, 639

37

R x SBR 753

39

842

141

553 2275 9/19 10/18

B321B45-1, 636

40

R x D 758

40

835

142

554 2152 10/21

4033A4-31-1, 637

40

TP x R-7689 756

42

938

Co. St
1st

R

R

R

R

R

R

Has exceptionally green veget.
& good straw
Rough & hard to thresh
no value disc

a smooth top type
Sgr. mature, quite tall
for dwarf type
Purefy

Good BR (small) grain type
short straw, easily threshed in
some cases, others rather difficult
Short straw looks very good.

Has very short straw, no Co
V. good, gr. very much like B40-
Some Promis

Tall, very good on June 11
V. green vegetation, Prob later
than A4-38. Prob a larger
grain than A4-38.
Prob not equal of A4-38

198

227

190

137

752 1128 25.1

68

188

139

119

514 771 17.1

326

312

297

241

1176 1764 39.2

274

338

243

251

1106 1659 36.9

256

361

227

298

1142 1713 38.1

143

555 2221

10/28

347B41-4,

642 guards are Ry

47

R x N

751

46

833

144

557 2321

10/26

Mira Sel.

640

45

(gold holls)

759

46

840

145

557 102 9/10 9/19 10/10

Japa Long

634

57

Karang-srang

754

55

834

146

558 101 9/7 9/16 10/5

B3713A3-1-1, 635

45

S x R

752

42

839

147

559 100 9/6 9/16 10/5

B3713A3,

641

46

S x R

750

44

837

Co

Sta
Hd

R.

R

R

M-R

R

Fairly tall on July 14
Has long heads, green veg.
No Co, good, straw built
no longer but ^{was} fuller than
Rex
later than Rex, & long straw
Some Promise

Taller than adv. plots (except June)
on July 14, & dark color. & ^{good}
Many heads, & long grain, ab.
& green vegetation, no Co
Promising

Some value 1st ser. dam for ^{well} at

Thin stand, rather tall & full
Too tall, has very green veg.,
No Co, fairly good for HD,
no value

dries back most too fast
too tall
Prob dise, if dry

not as good as TP for leaf
drying
prob dise, if dry

321

495

414

295

1525 2288 50.8

223

366

151

233

973 1460 32.4

151

214

182

150

697 1046 23.2

243

196

256

132

827 1240 27.6

193

240

289

146

868 1302 28.9

8	47	144	265
9	72	147	271
14	73	205	274
16	78	209	276
20	79	210 ✓	277
23	86	214	282
24	87	215	283
29	101	216	284
30	106	223	285
36	109	224	286
37	110	233	290
38	111	234	291
42	116	235	292
43	117	236	294
46	118	238	295
48	119	239	297
49	121	242	298
53	123	248	299
54	124	249	302
56	127	251	303
57	129	252	304
58	131	253	305
62	138	255	306
65	139	256	307
66	142	263	309

310

311

312

315

314

317

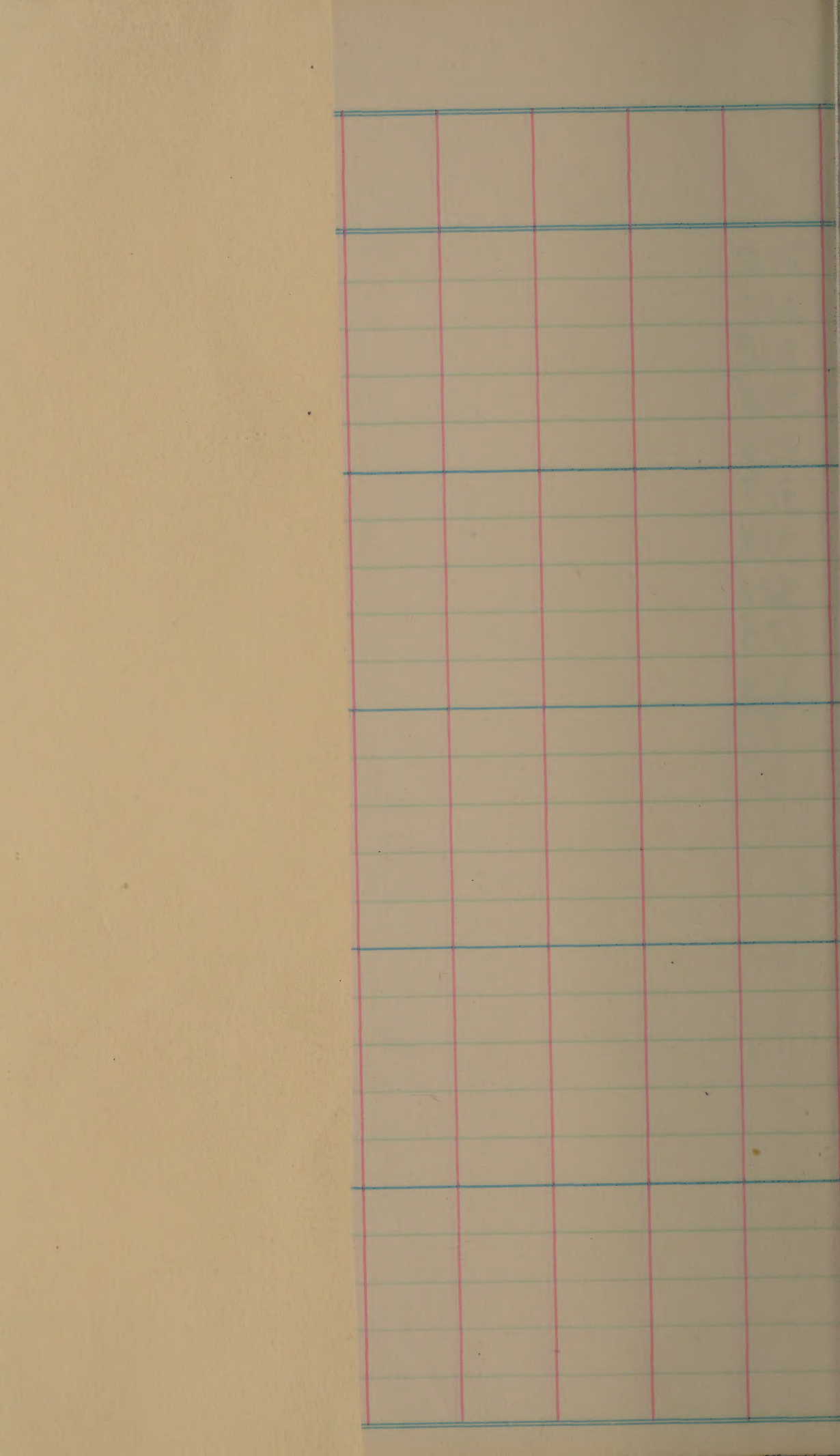
319

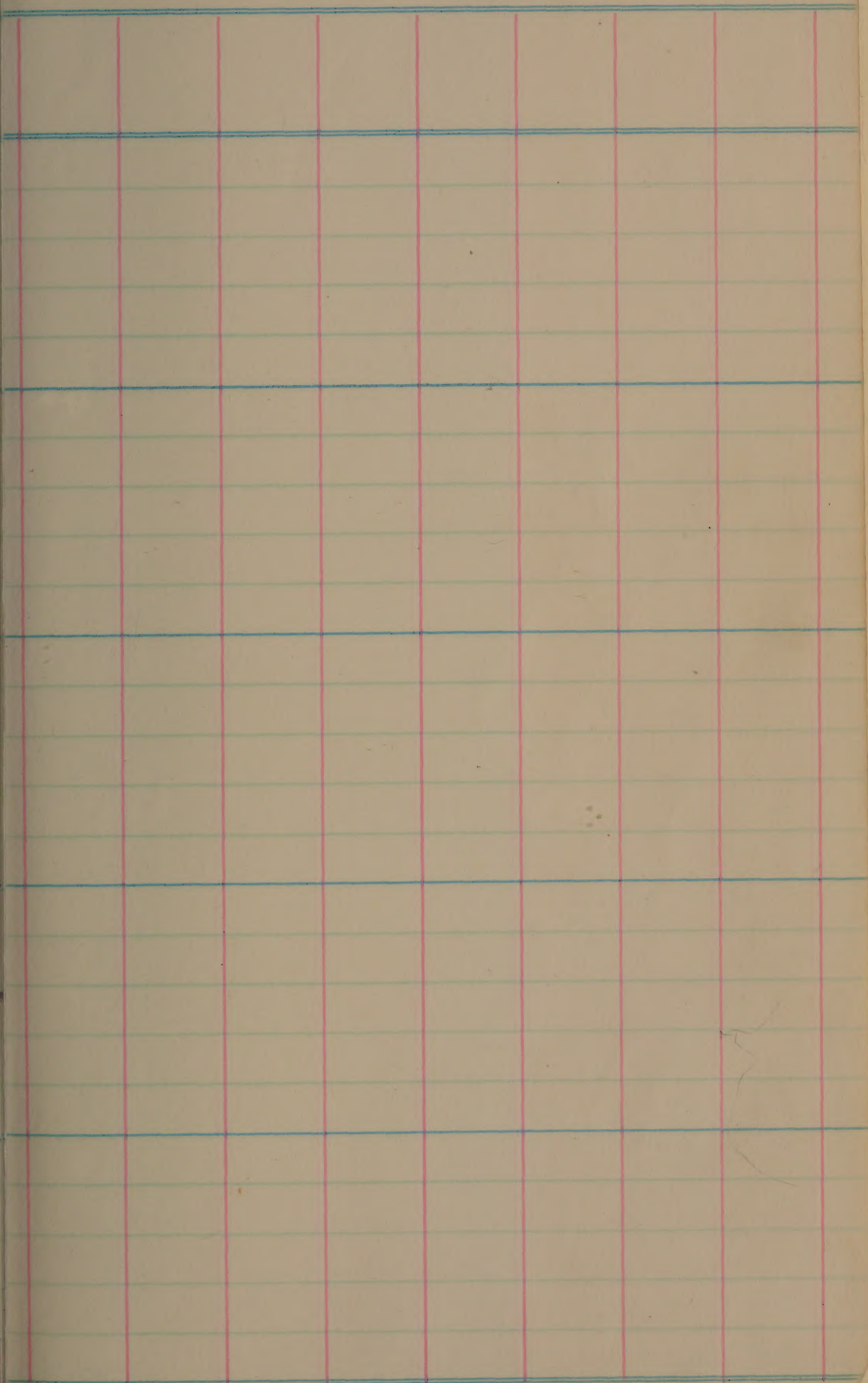
321

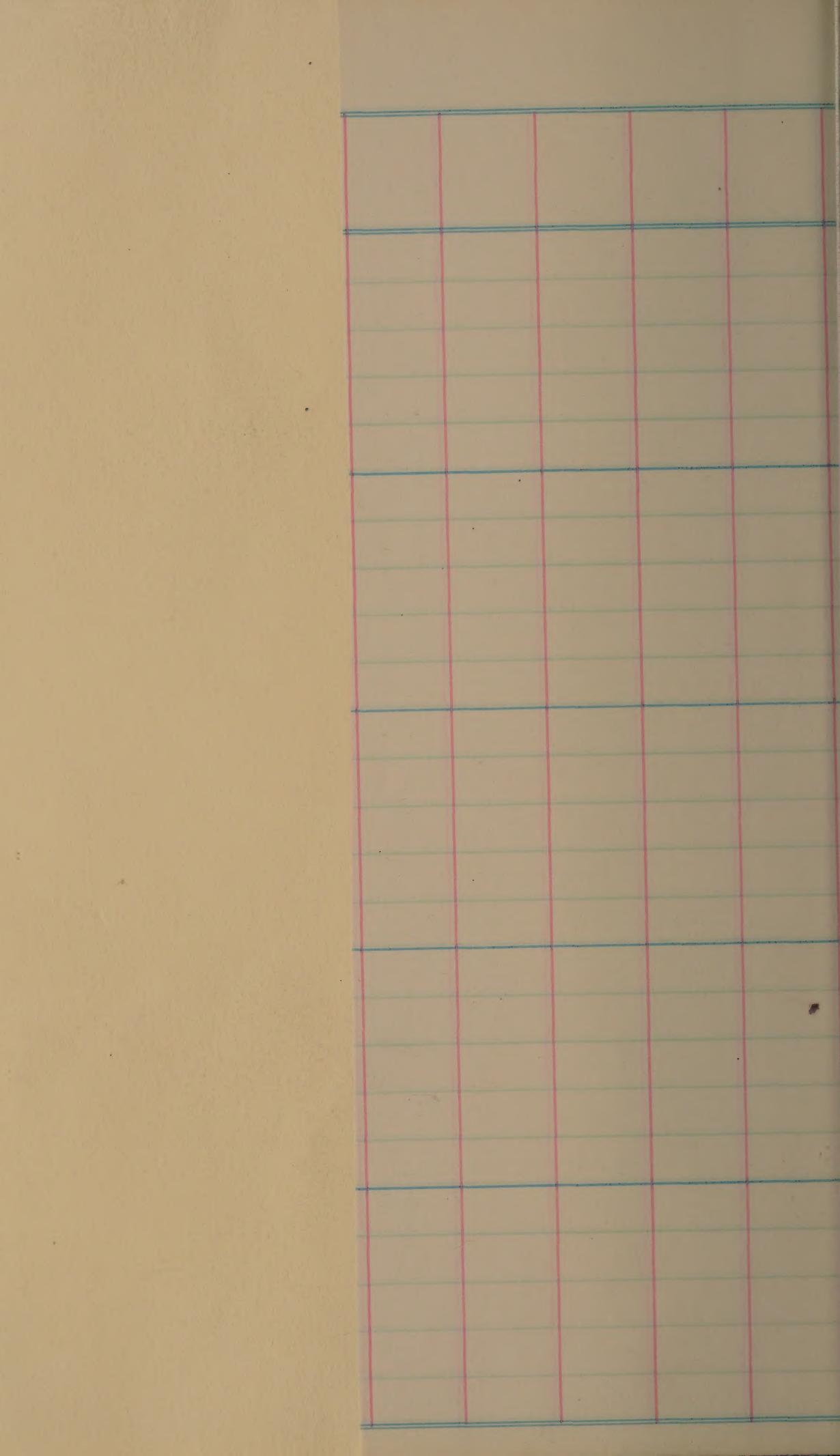
323

324

325







TPx R-7689 -

✓

Rx N (B347B40-9)

✓

Rx N (B347B44-13)

✓

Rexora

✓

Bluebonnet tel

✓

Hill Lang gran

B4031A 1-1-3

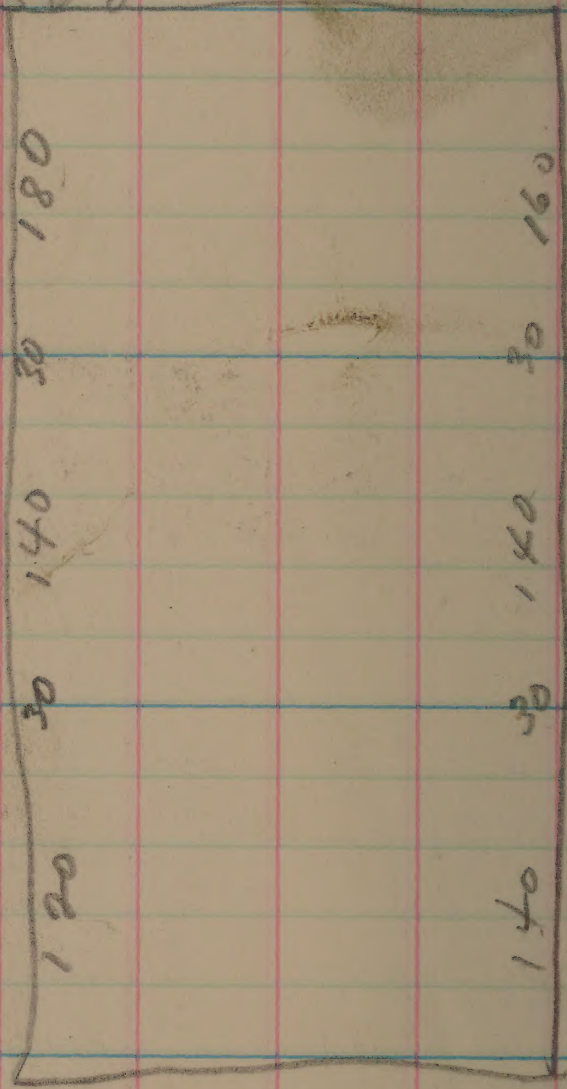
B4031A 1-3-3

460
320
 140.

180
 30 liner
 140
 30 liner

160
 30
 140
 30
 140
500

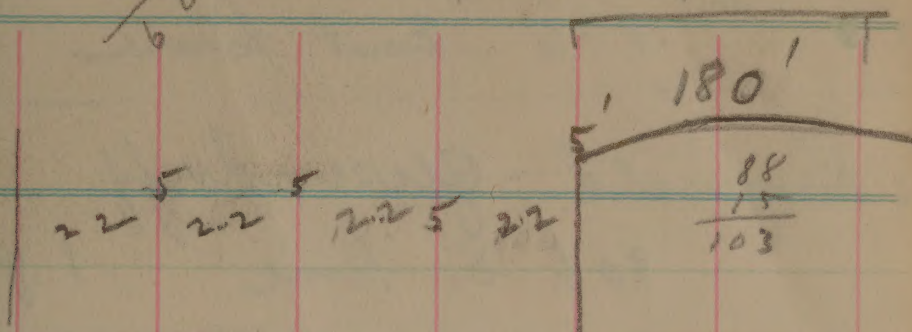
120
 500



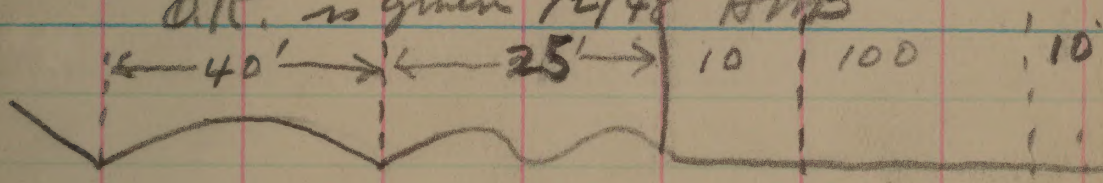
Curly

$$\begin{array}{r} 15.5 \\ 25 \\ \hline 20 \\ 6 \end{array}$$

$$\begin{array}{r} 190 \\ 190 \\ 80 \\ \hline 460 \end{array} \quad \begin{array}{r} 5 \\ 6 \\ 460 \\ 180' \end{array}$$

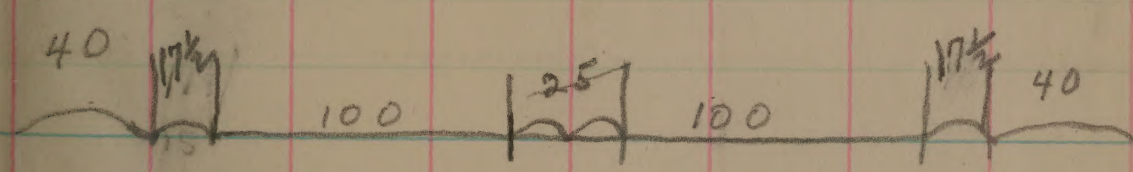
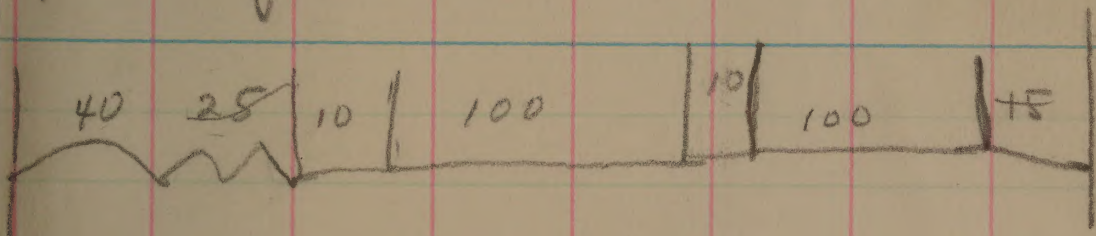


check this on the ground before
a/c. is given 1/2/48 Hms



$$\begin{array}{r} 40 \\ 25 \\ \hline 1.6 \\ 100 \\ 1.0 \\ \hline 8.5 \end{array}$$

Cross section of road and experimental
area just west of mixture study
planting.



Eugene L. Seale $\frac{3}{4}$ yr. College
875 East Duane

Reginald Giesendorff
906 E. Duane 1 yr. college

100
20

If this notebook is lost will finder please use the attached frank and mail to: The Division of Cotton and Other Fiber Crops and Diseases. No postage stamps are required.

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Official Business

Penalty for private use to avoid pay-
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**U. S. DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.**

**BUREAU OF PLANT INDUSTRY
Division of Cotton and Other
Fiber Crops and Diseases**

Request for Blank note book

M. S. PAWAR

405 College Ave:

ITHACA N. Y.

268 = 3

272 = 1

Field plots - page 129

ss
ss

1947

SMTWTFS	SMTWTFS	SMTWTFS	SMTWTFS	SMTWTFS	SMTWTFS
JAN	FEB	MAR	APR	MAY	JUNE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
JULY	AUG	SEP	OCT	NOV	DEC
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

- Soil type.
- Previous crops and fertilizers (2 years).
- Preparation of land: (a) Methods (b) Dates
- Size of plot:
 - Area in square feet
 - Number of rows
 - Length of rows
 - Width of rows
- Fertilizer:
 - Pounds per acre
 - Analysis (N-P-K)
 - Time of application
 - Method of application
 - Side dressings
- Planting: (a) Date (b) Rate (c) Method
- Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
- Cultivation: (a) Implements used (b) Dates
- Dates at which all notes and samples are taken.
- Dates of pickings.

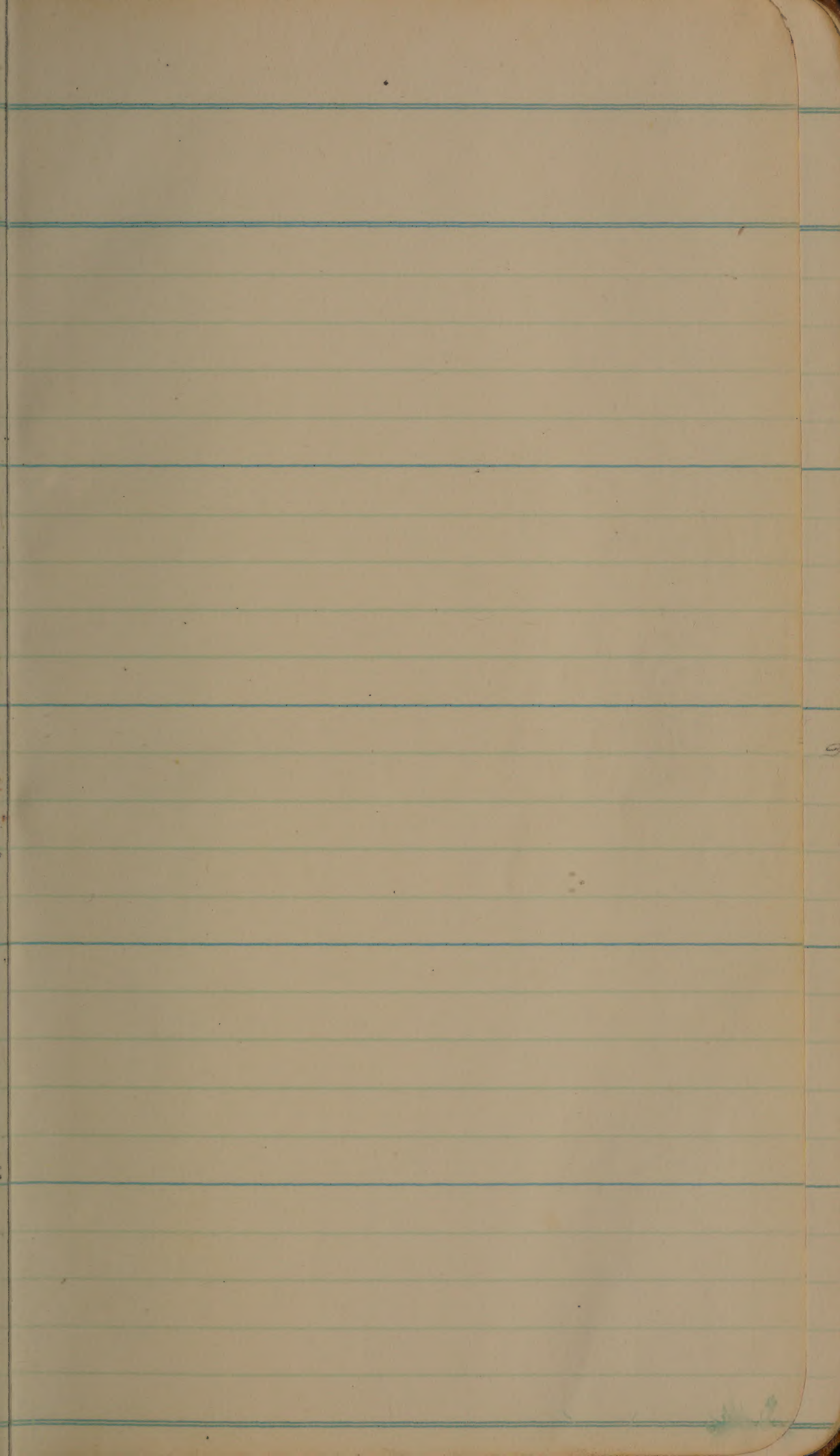
The following suggestions are made in regard to recording data:

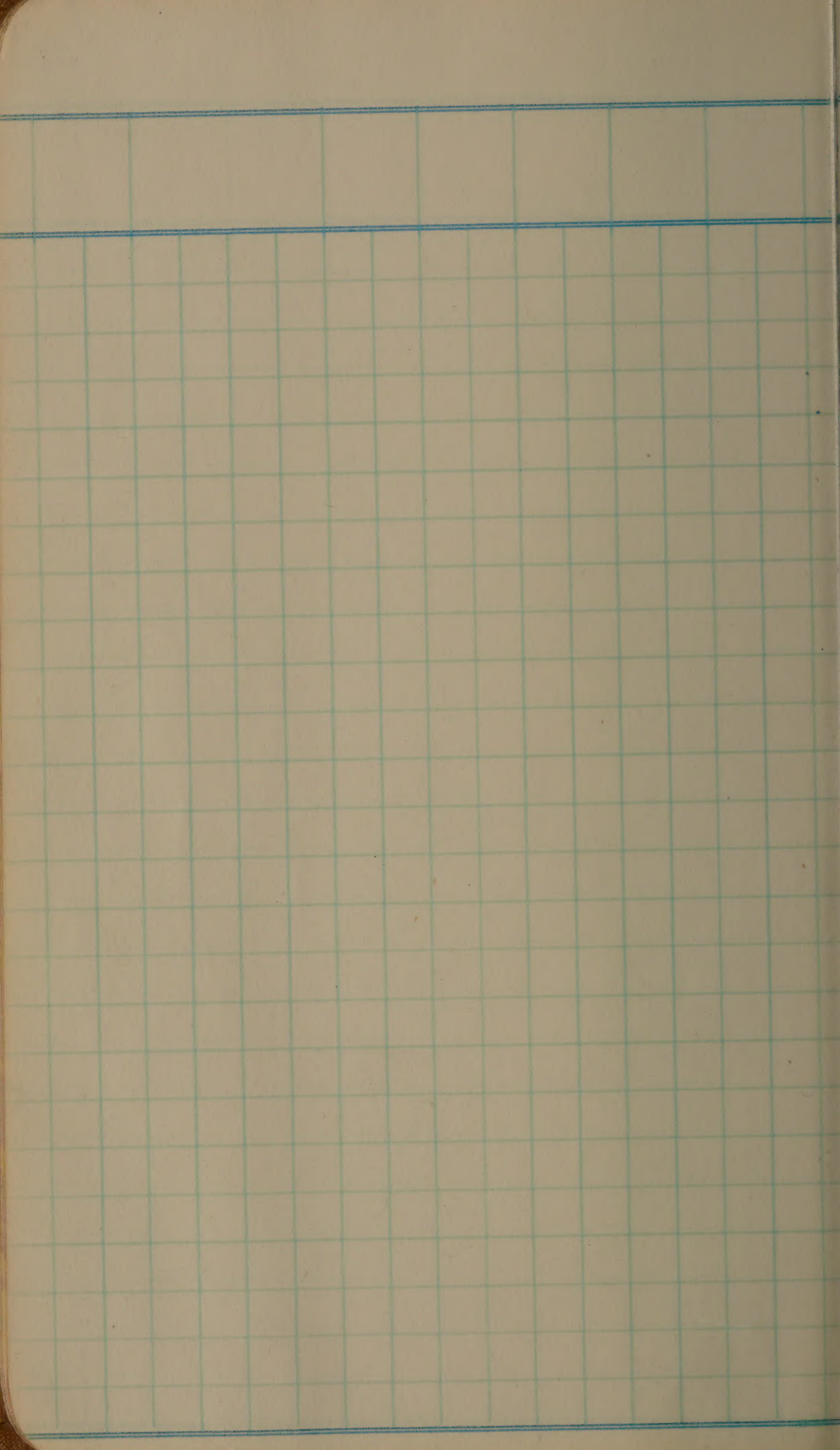
- Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
- Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pounds is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
- Estimations, such as seedling vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seedling vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
- Diseases and insect pests:
 - GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7 (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
- Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
- Explain clearly all legends used.
- Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

ASTOR LENOX TILDEN FOUNDATION

525 N. 5TH ST. NEW YORK, N. Y.





201	139	8/15	8/26	9/8
Edith				

202	140	8/18	9/8
B43-2098, Edith			

203	141	8/12	8/21	9/9
CI- 7132, Glutinous E				

204	20	8/8	8/15	9/1
CI- 5309, Glutinous				

205	142	8/13	8/23	9/12
B44-2649 Hill Med Grain	M. Teller than 206			

Co

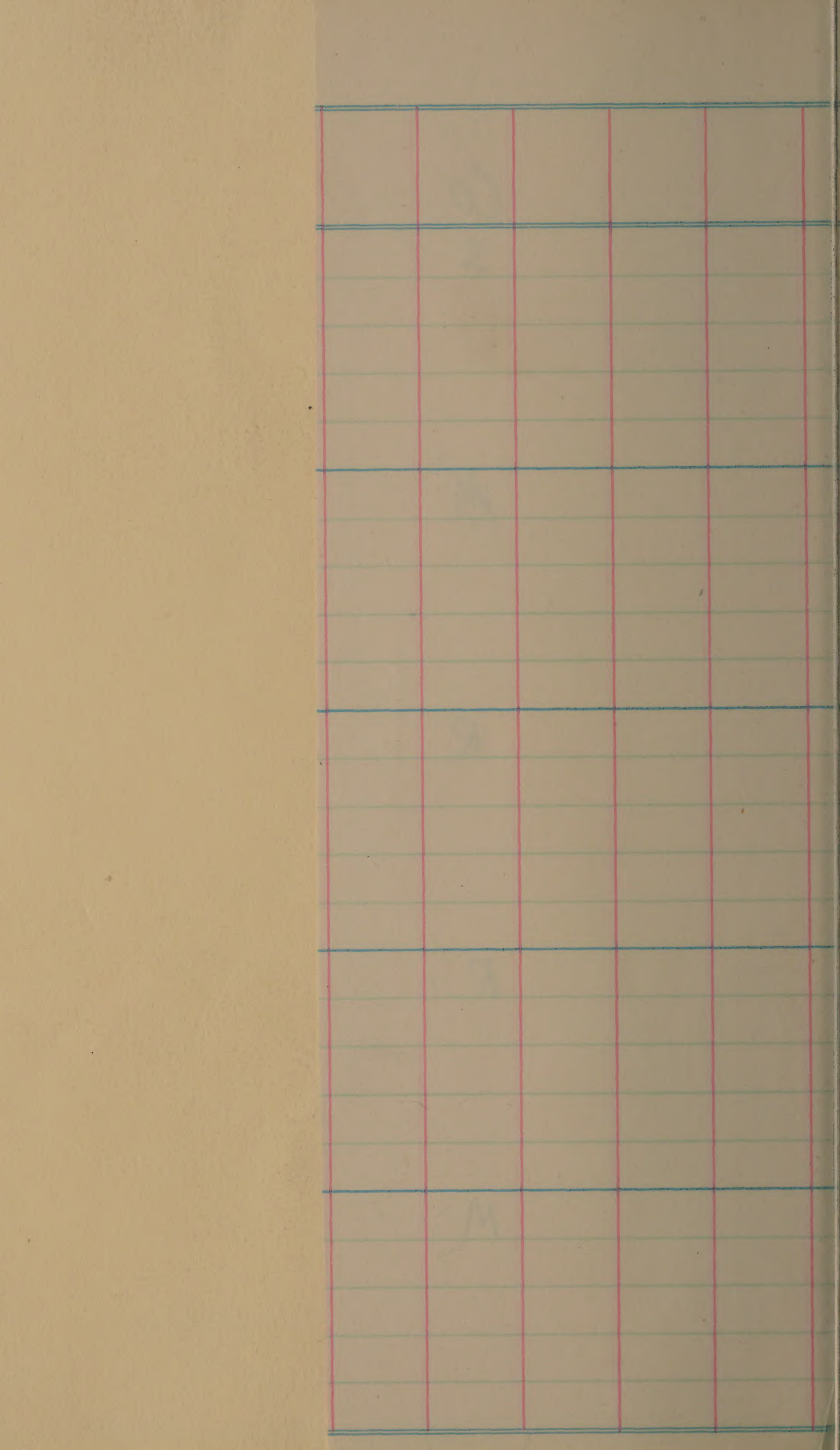
S

M

R

R

M



105

105

105

105

105

Outstanding type, semi grain
length. A good milling type and
grain type, cyl grain (rather slender)
Excellent vegetative growth.

10

211

146

B43-2113,

8/90

8/18

9/6

CA x BR (logue) Irregular lot

212

Crowley

8323 x Z

8/10

8/16

9/6

213

174

8/9

8/17

9/8

B2913A29-

1-1-1,

C0 x BR

214

170

8/20

9/1

9/20

B4045A1-4-1,

R - SBR x BR41

215

172

8/18

9/3

B4045A1-4-2,

R - SBR x BR41

Co

M

M

Excellent gran
type, adn

Mod R

M-R

S

Excellent grain type
adv. in 1948

216 5012 9/1 9/11
 B4045A1-4-2,
 R-SBR x BR41

217 4990 8/20 8/26 9/20
 B4045B1-2-3,
 R-SBR x BR41
 V. Uniform breeding

218 5016 8/19 8/27
 B4044A3-4-2, gentle tall 8/12
 R-SBR x BR

219 148 8/30 9/9
 B4031A1-1-1-2, Taller than others 8/12
 TP x R-SBR

220 151 9/4 9/13
 B4031A1-1-3-2,
 TP x R-SBR

Co.

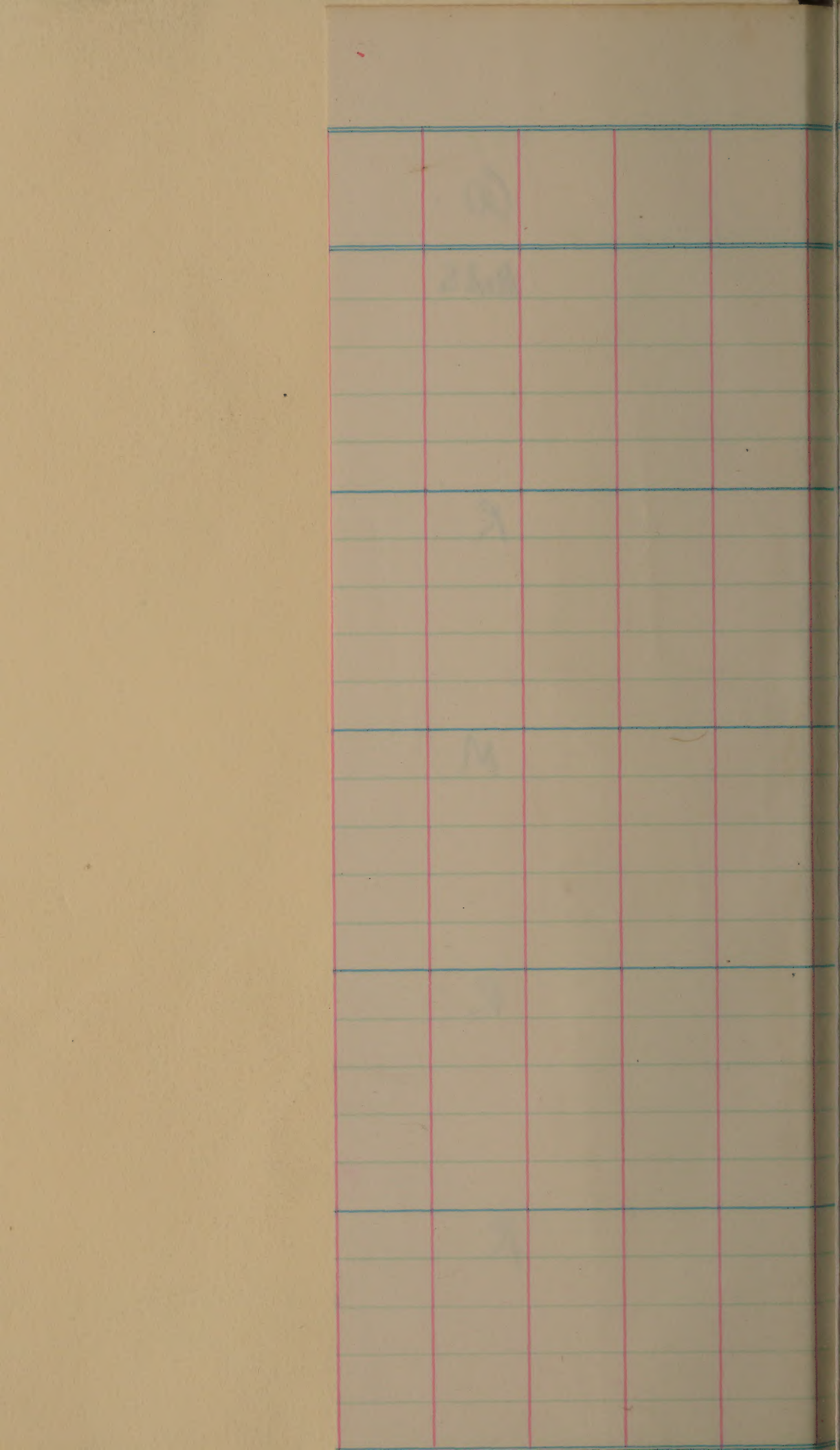
And S

R

M

R

R



17

22

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf from an old book. The paper has a slightly textured appearance with some minor discoloration and faint, dark spots, possibly due to age or handling. A vertical red line is visible on the left side of the page, and a horizontal red line is visible at the bottom. The page is framed by a dark border.

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf from an old book. The paper has a slightly textured appearance with some minor discoloration and faint smudges, characteristic of old paper. A vertical red line is visible on the left side, possibly a binding edge or a fold. The page is set against a dark background.

355

— 18 —

100-1-1

221

152 9/1 9/11

B4031A1-1-33,
TPxR-SBR

222

155 9/4 9/14

B4031A1-8-3,

TPx~~323A5-8~~,
R-SBRSugr grain types
v. good vegetative characters
grain length is a little too short

223

156 8/27 9/18

B4031A1-1-11,
TPxR-SBR

good long sl. grain type

224

158 8/23 9/1

B4031A1-26-2-1,
TPxR-SBRSuse to Co.
dries back fast

225

159 8/23 8/31 9/10

B4031A1-1-5,
TPxR-SBR

dries back rather fast

slow maturity
excellent early
types much else

CO

R

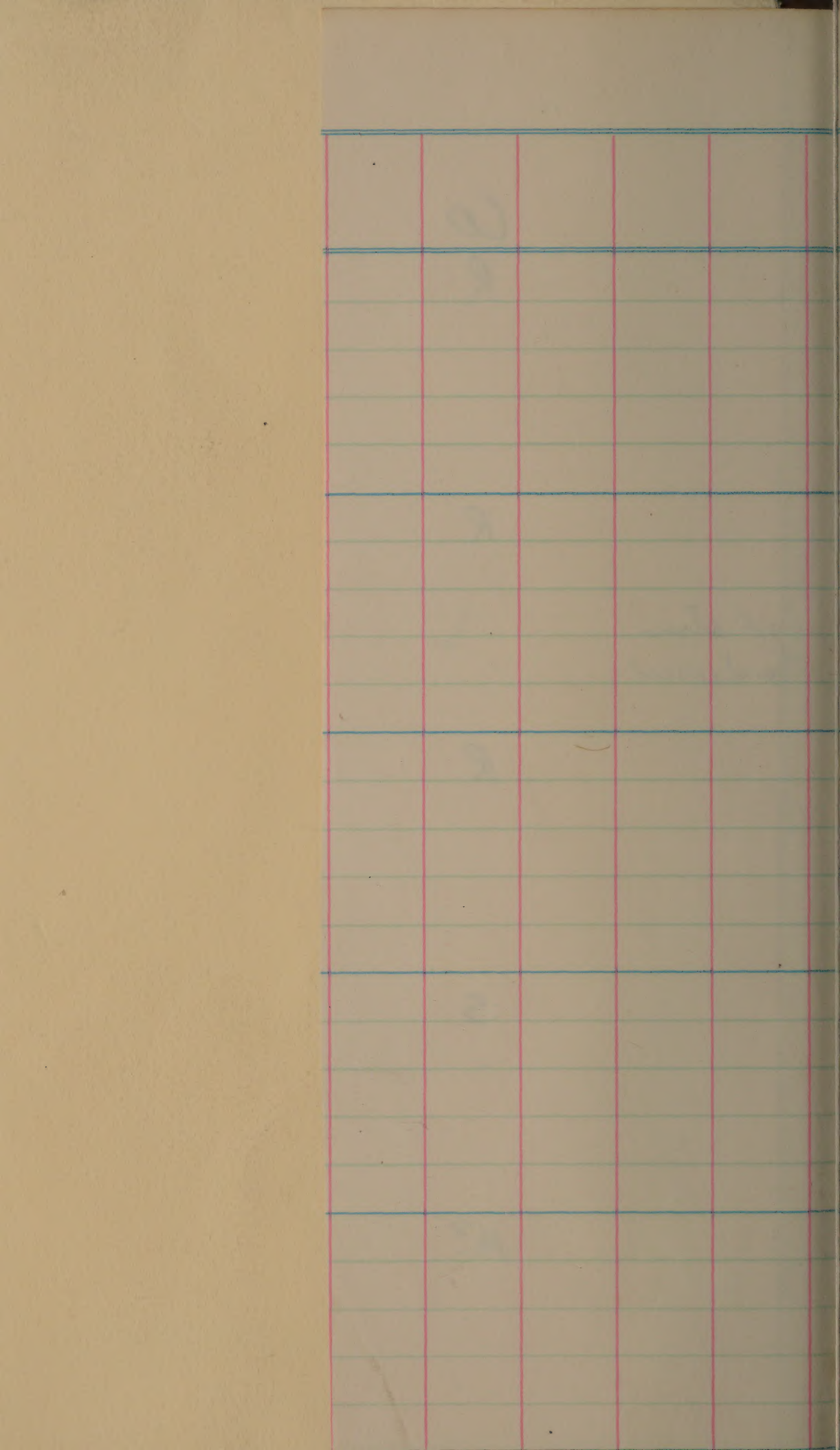
R

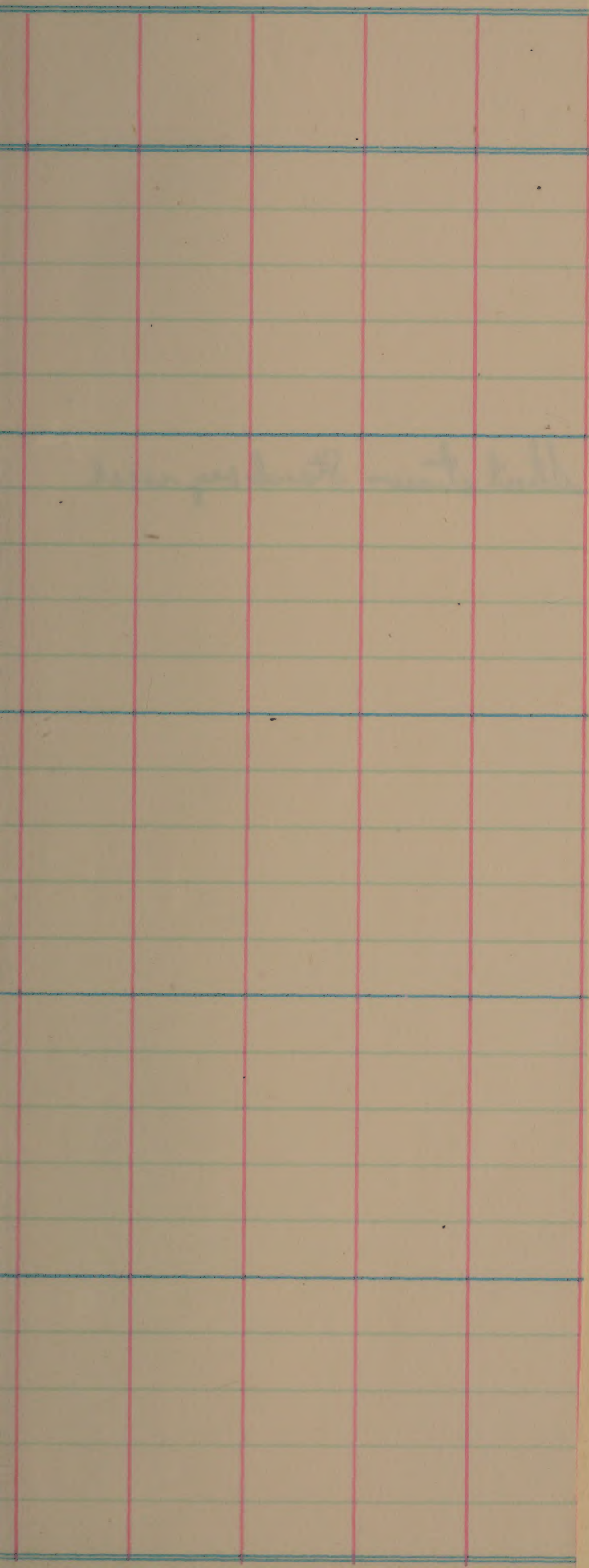
short stem
stands well

R

S

M?





Shorttawn Standby reel

226

4905 9/4 9/14

B403/A1-1-5,

grows rather tall, green

TP x R-SBR

stem

227

4897 9/1 9/10

B403/A1-1-3-5, Very good looking plot

TP x R-SBR

green tree slant

Saw?

Very sturdy stem (slant)

228

4776 8/28 9/9 9/24

B46-4769,

Stems hollow, slant stem

R-SBR Sel.

looks much like #44.

V. good.

229

4785 8/21 9/1 9/18

B46-4785,

R-SBR Sel.

230

4796 8/27 9/6 9/25

B46-7796, much taller than others 8/12

R-SBR Sel.

Cut ground
Possible
Subst.
Well mixed

10

R

R

Short straw uniform ht
Excellent straw type
Grain too short, It also
rather full.

231 4798 8/27 9/5 9/24
 B46-4798, seg. straw + gold
 R-SBR Sel. much like #44

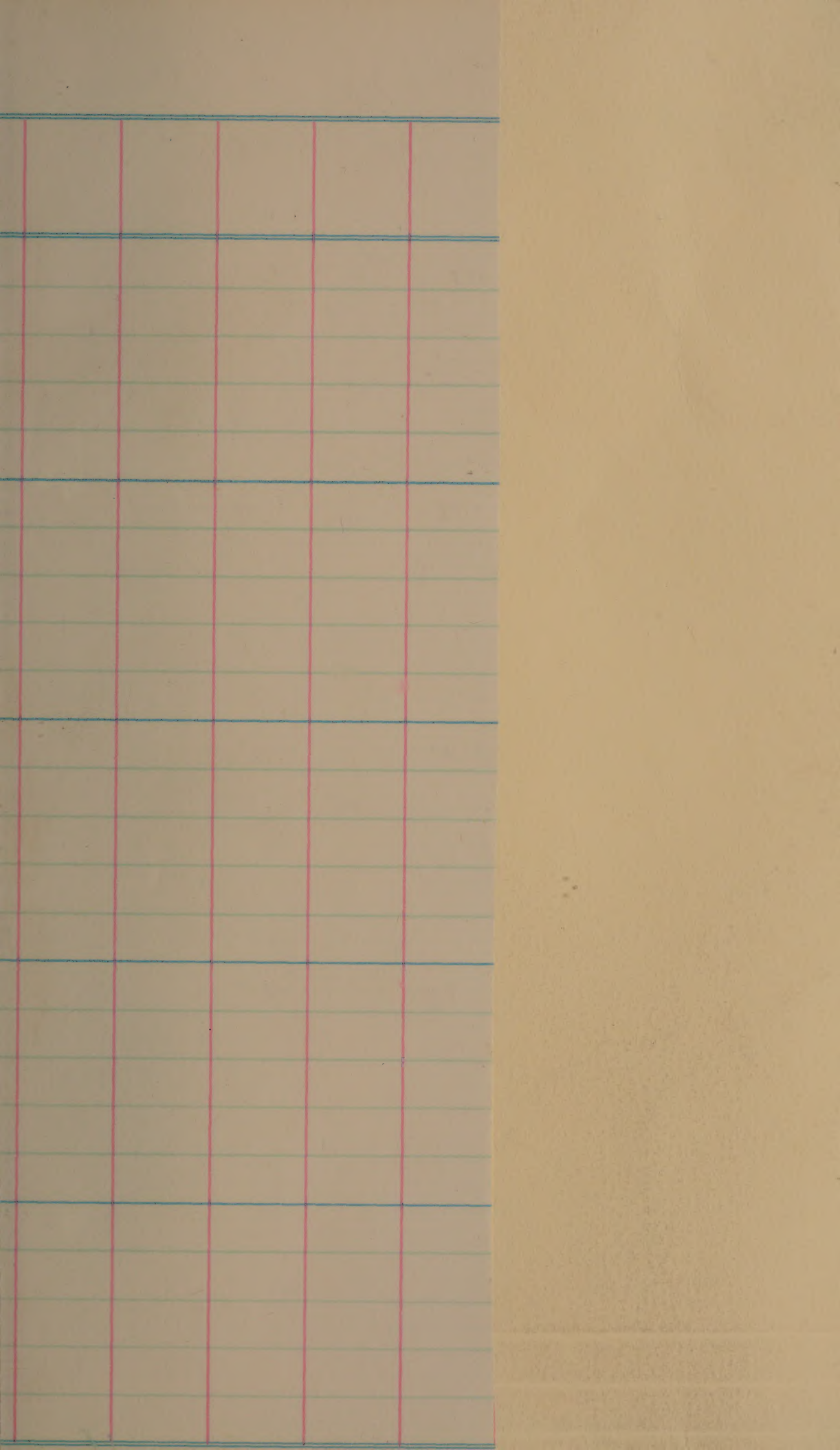
232 4864 8/21 8/28 9/18
 B46-4864, much like original
 R-SBR Sel.

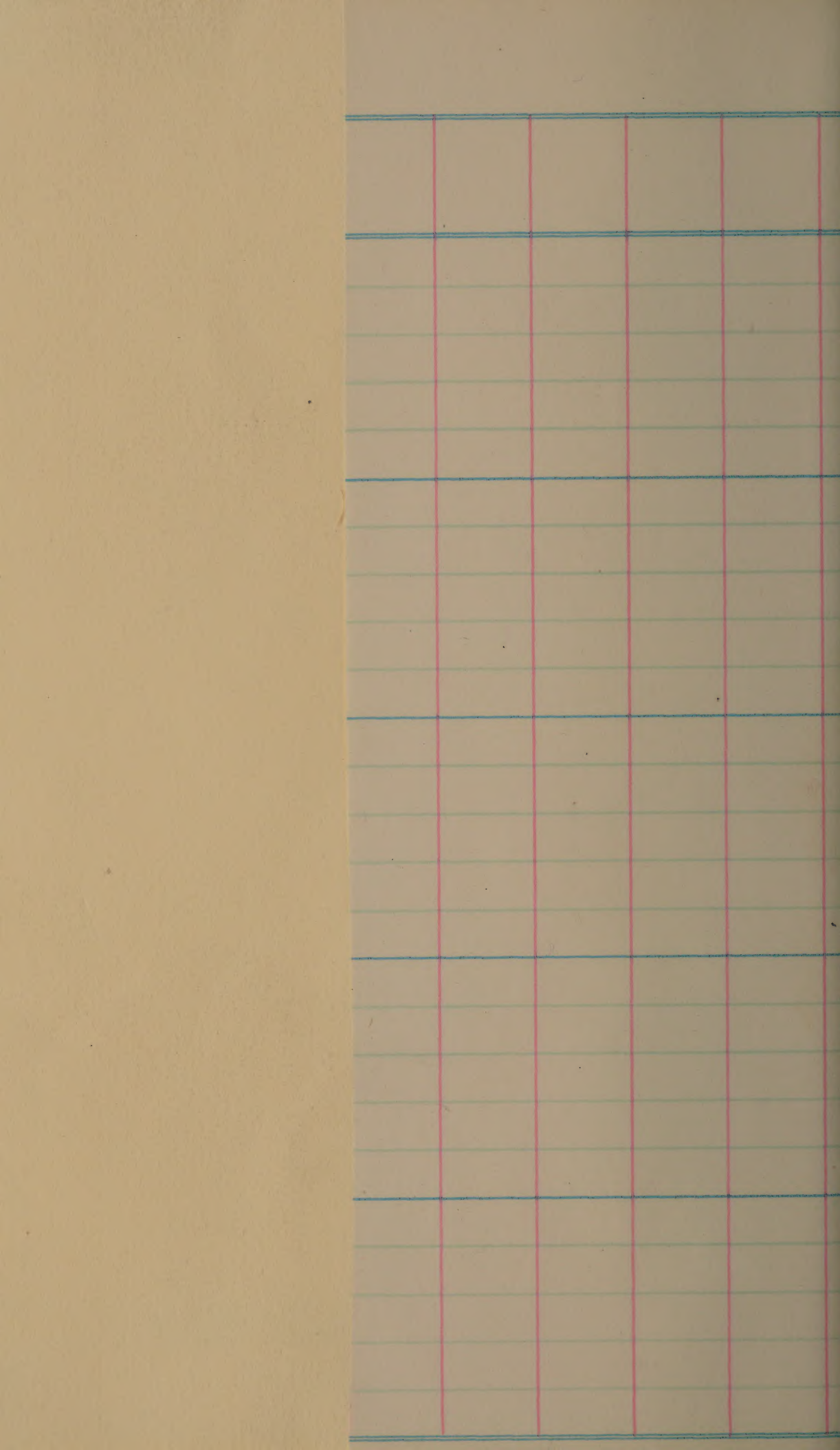
233 5144 9/12
 B4044A3-4-2-18, showing Tr. mlt 4/12
 R-SBR x BR41

234 5145 9/1 9/10
 B4044A3-4-2-18, showing Tr. mlt 8/12
 R-SBR x BR41

Better than 233

235 5146 9/5 9/13
 B4044A3-4-2-18,
 R-SBR x BR41





236

5147 9/6 9/13

B4044A3-4-2-18, showing some whT 8/12

R-SBR x BR

disc

237

5148 9/7 9/13

B4044A3-4-2-18,

R-SBR x BR

single Best of group

238

5149 9/11

B4044A3-4-2-18, almost as tall as ep 2/12

R-SBR x BR True nail A3-4 sub

disc

239

173 8/21 8/31 9/17

Shoemed

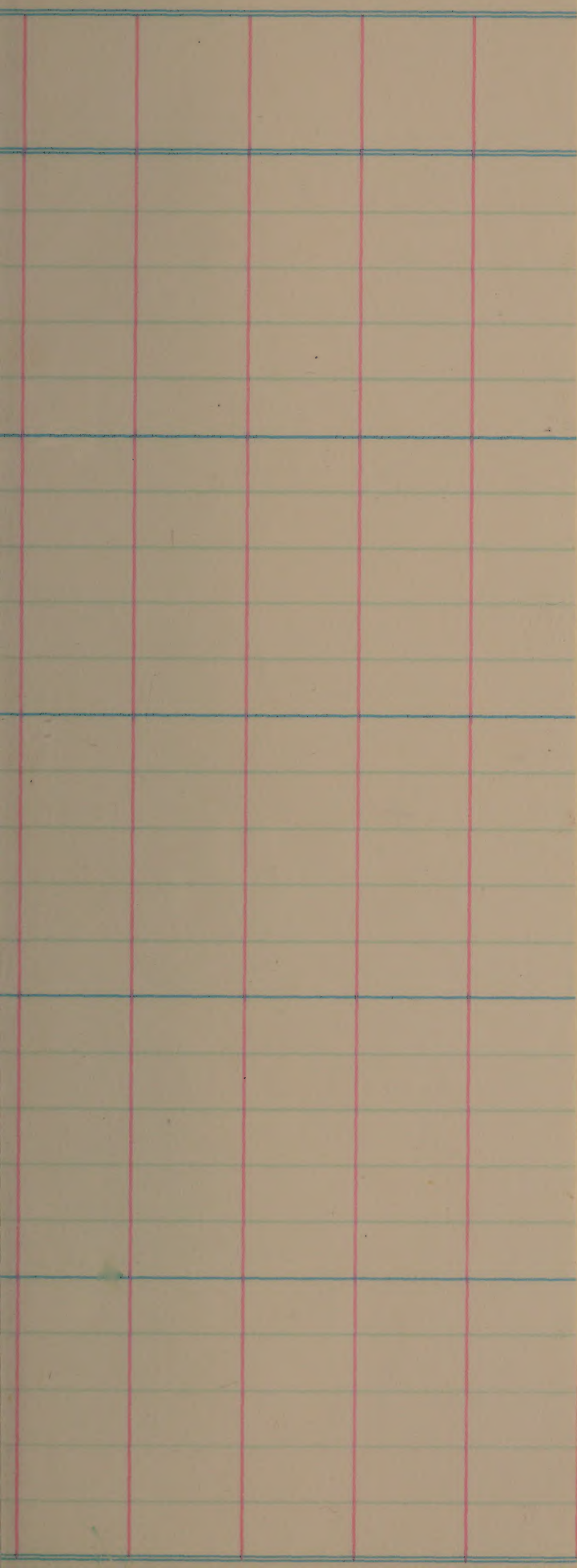
single

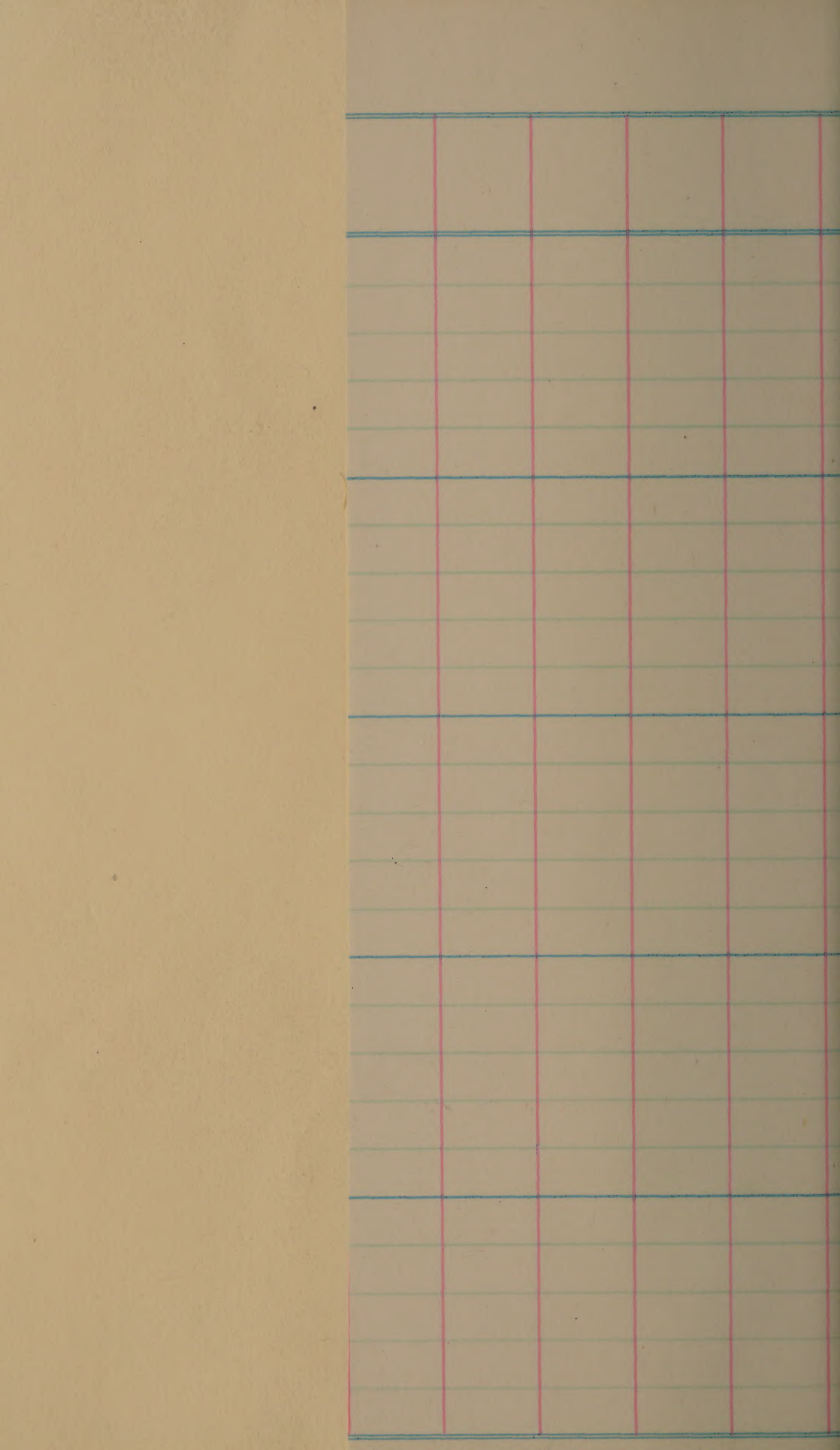
240

Cromley 8/13 9/24 9/13

Early Prologisic

single





BIB

11-10-20

124x11

SAS

11-10-20

124x11

SAS

11-10-20

124x11

124x11

SAS

SAS

241

C5-167-16,

N x 461

Crowley 9/7 9/17
 v 461
 grows too tall

242

C6-253-9-2

E-F x S-F

Crowley 8/19 8/27 9/11
 v 15

243

164 8/11 8/22 9/12

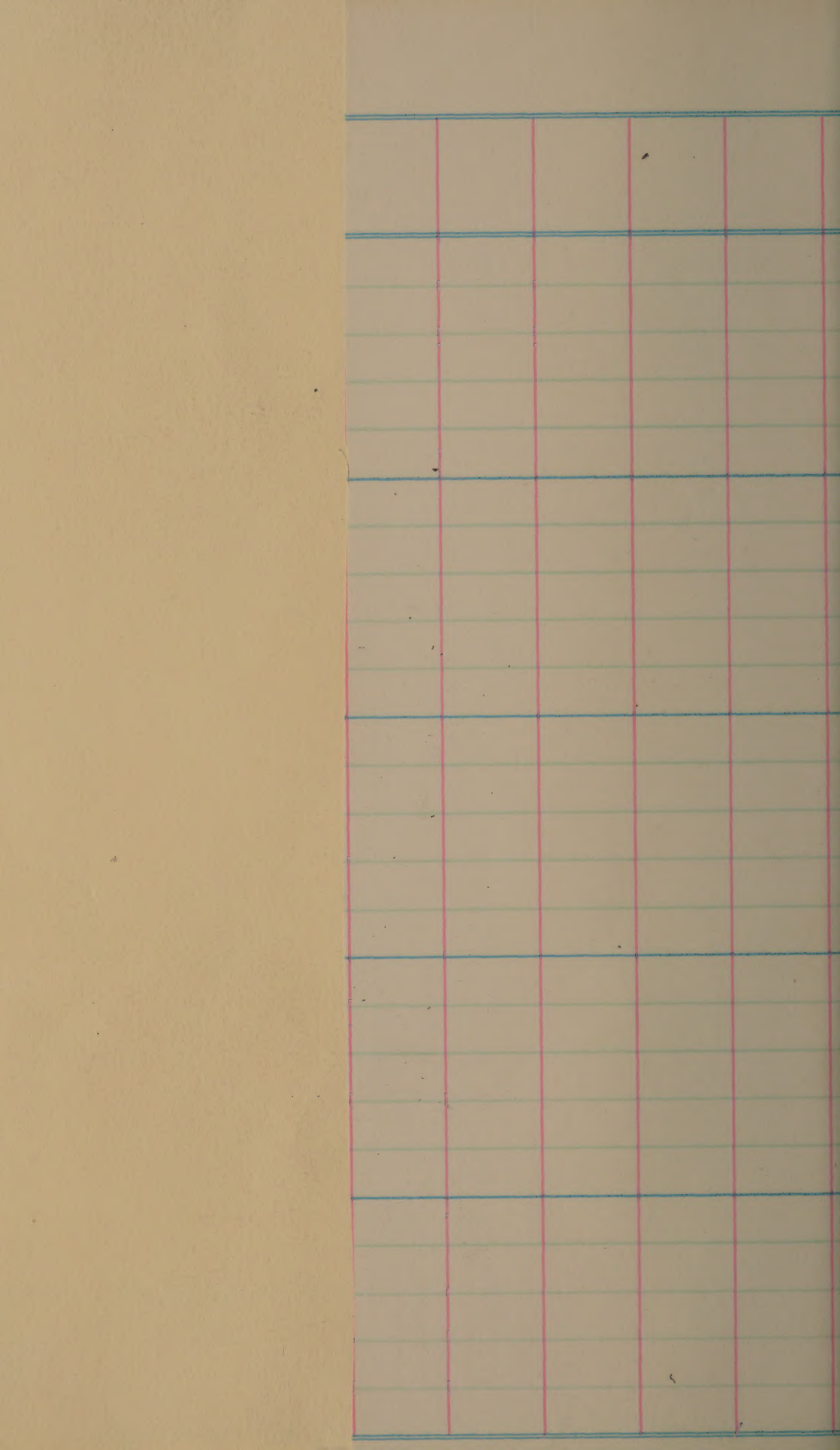
381641-17-1-1

Sel.

S-EP x CA-Cdx

free threshing

single



244

209

8/24 9/1 9/21

Delitos

cut
guard

245

211

9/6 9/16 10/9

B44-2951,

Taman Purple

Nina

246

213

8/21 8/31 9/18

B3812A1-2-2,

(CI-1645 x CI-5309)

x A1-11

247

231

9/1 9/10 9/28

B4032A3-37,

TP x R-D

248

165

9/5 leaf

B4044A3-1-1, Segs. grain type as well
 R-SBR x BR as maturity. W good
 vegetatively
 Segs. ht.

Ho CO .

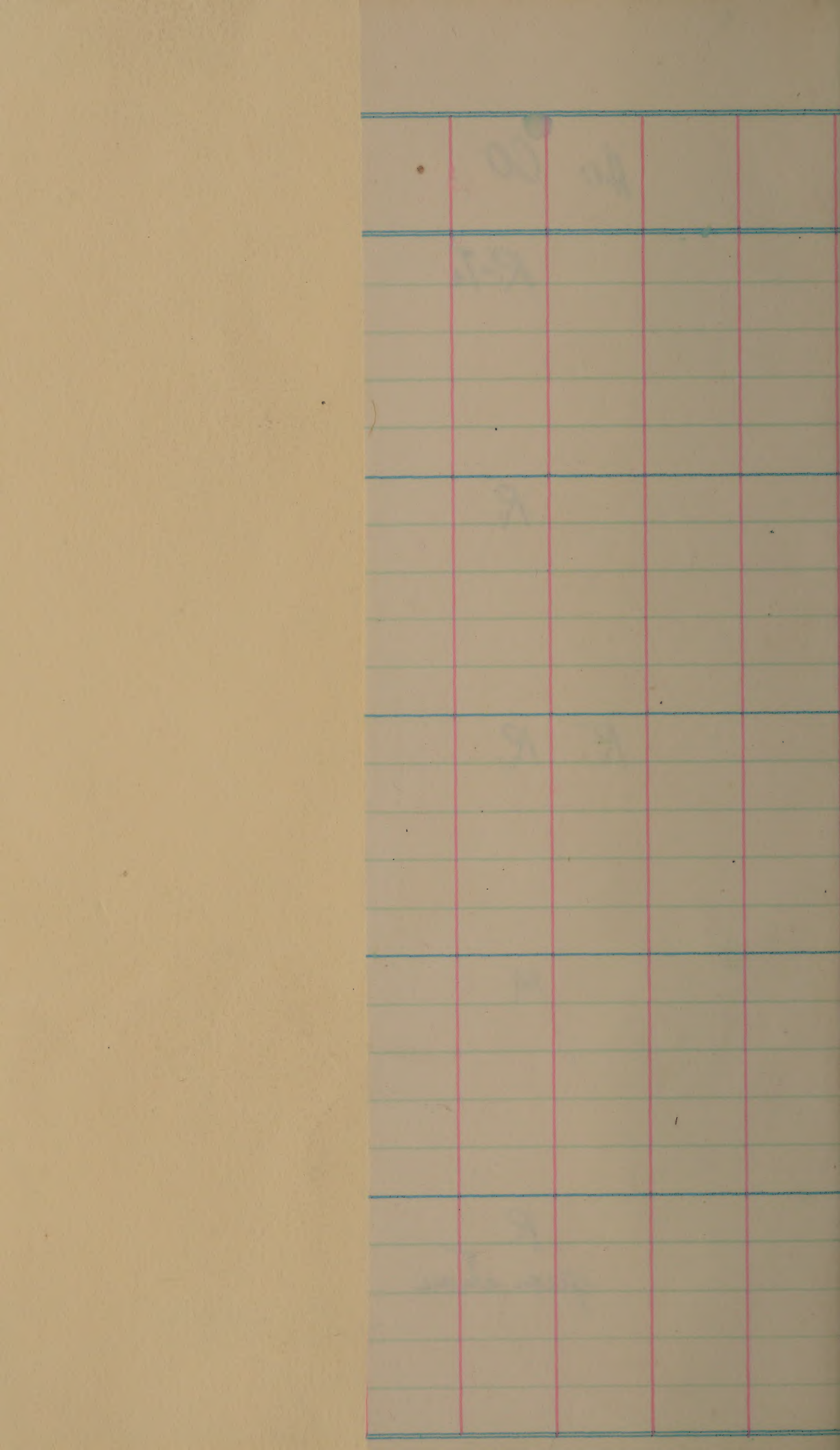
R-Ta

R

R R

M

R
green shau



SAS

SAS

SAS

SAS

SAS

SAS

SAS

SAS

249

2835 9/18 9/30 10/20

B4044A3-1-1-2, V. leafy, V. clean straw
R-SBR x BR but yield not very good.

250

5130 9/7 9/13

B4044A3-4-2-11

R-SBR x BR41 Shortest straw & best

251

5139 9/5 9/17

B4044A3-4-2-16,

R-SBR x BR41

252

5142 9/5 9/14

B4044A3-4-2-18,

R-SBR x BR41

253

5143 9/4 9/16

B4044A3-4-2-18,

wh Top 8/26

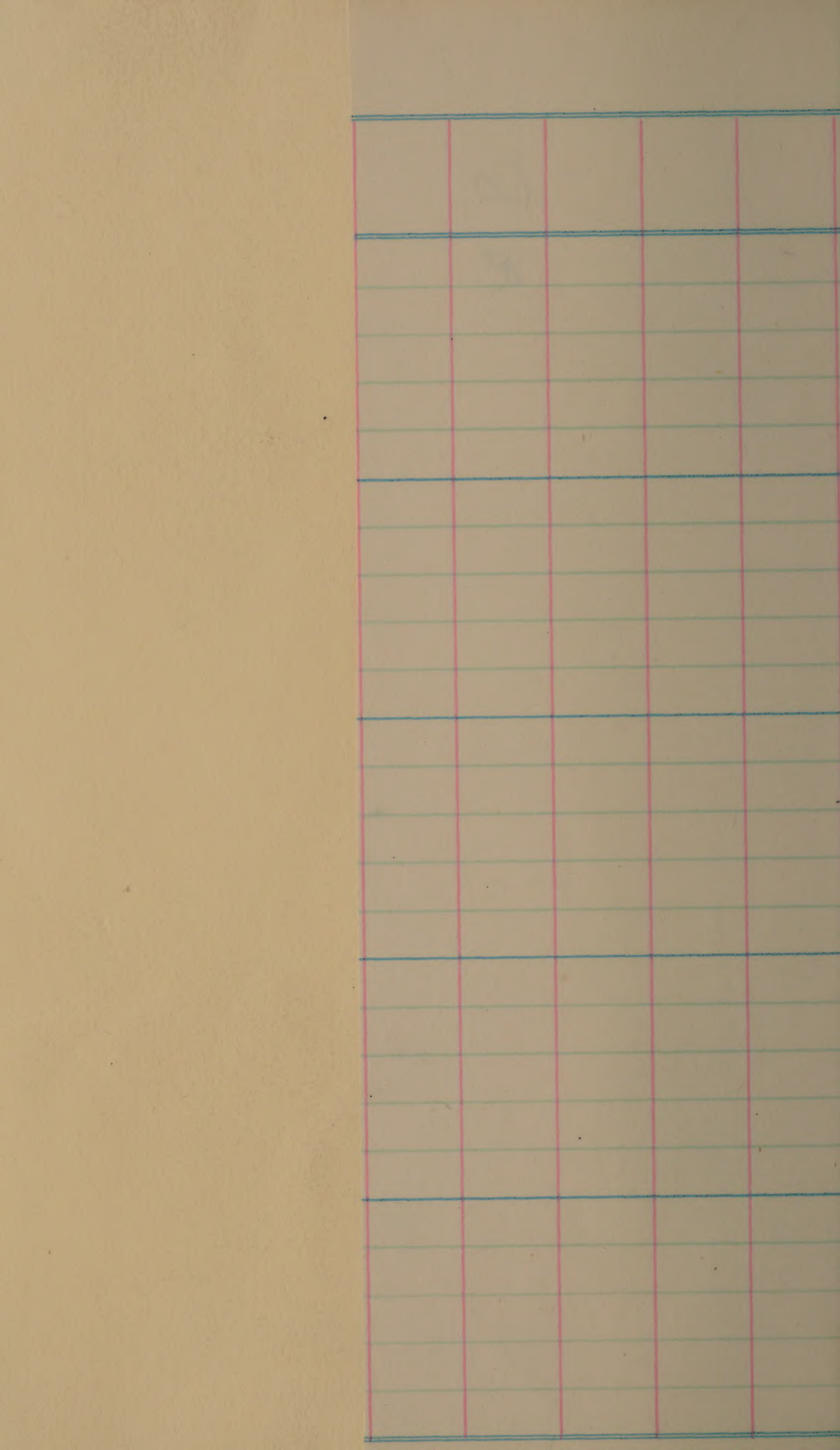
R-SBR x BR41

253A

9/10 9/16

Co

R



285

S 285 N 157 E 2.2

9 x 2

285

S 285 N 157 E 2.2

9 x 2

285

S 285 N 157 E 2.2

9 x 2

285

S 285 N 157 E 2.2

9 x 2

285

S 285 N 157 E 2.2

9 x 2

9 x 2

254

68

9/5 9/17

B352A11-2-3-2,

K x R

255

60

9/2 9/11 10/1

B45-2449,
Ninatype

Prob. typical Min?

256

216

9/2 9/11 9/30

B45-2365, not nearly as good as
Gold Blackbennet 257 & 258 about same ht,
(Anseline)

257

309

9/6 9/13 10/3

B322B44-21,

R x F

258

234

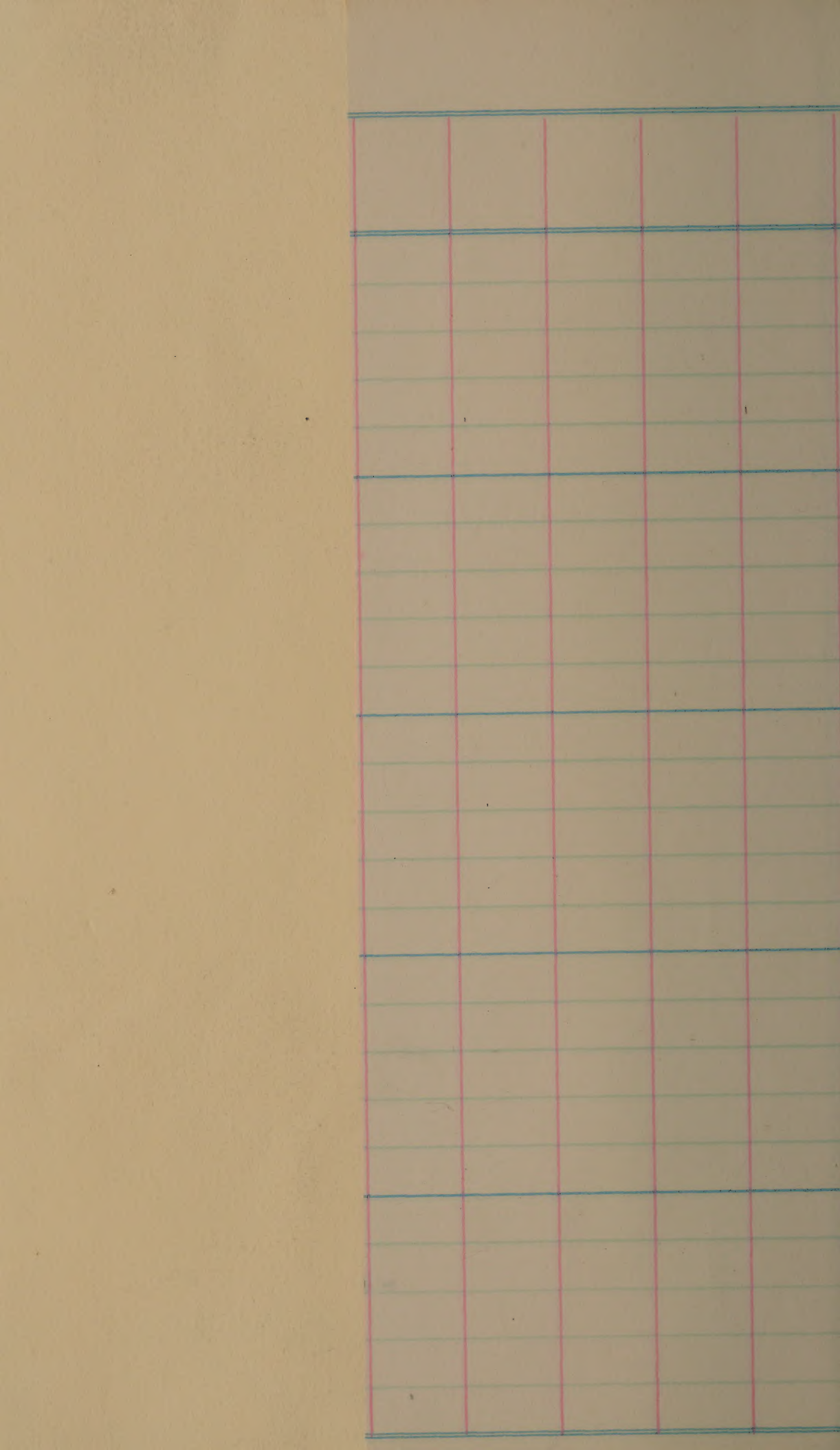
9/6 9/12 10/3

B4033A4-43-6-2,

TP x R-7689

(rogue)

Three 2 photo appear to be
identicalrather short, long
stems, smooth, not grainy and sharpSharp, bulbous
leaves + stems
than 1st in photo



259

332

9/1

9/11

10/1

B4033A4-43,

TP x R-7689

260

242

9/6

9/13

B3713-2-2-1, Uni lit. Short sturdy

S x R

straw, leafy

261

243

9/4

9/13

10/2

B3713A17-2-1,

S x R

262

4698

9/18

Hyb. Mix. 10-44-4,

TP + R x R-D

263

4675

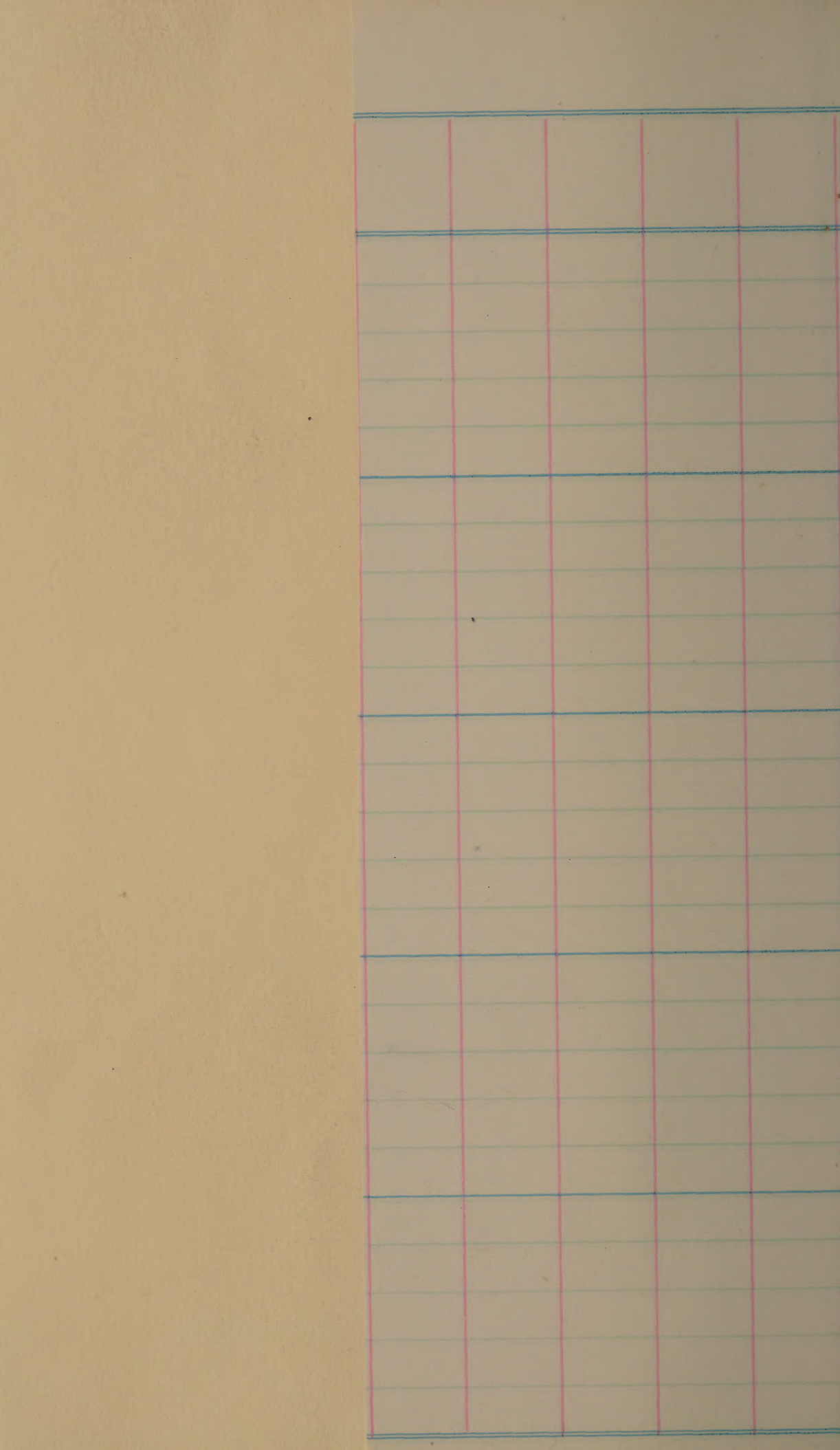
8/30

9/9

9/27

Hyb. Mix. No 10,

TP + R x R-D



264

B44-2719,
Stockdick
Early Rexoro

336 9/12 9/20 10/4
Too tall

265

B44-2661,
Hill Long Grain
Selection

324d 8/18 8/28 9/12

266

B347 B44-9,
R x N

226 8/31 9/7 9/26
V. clean, green straw

267

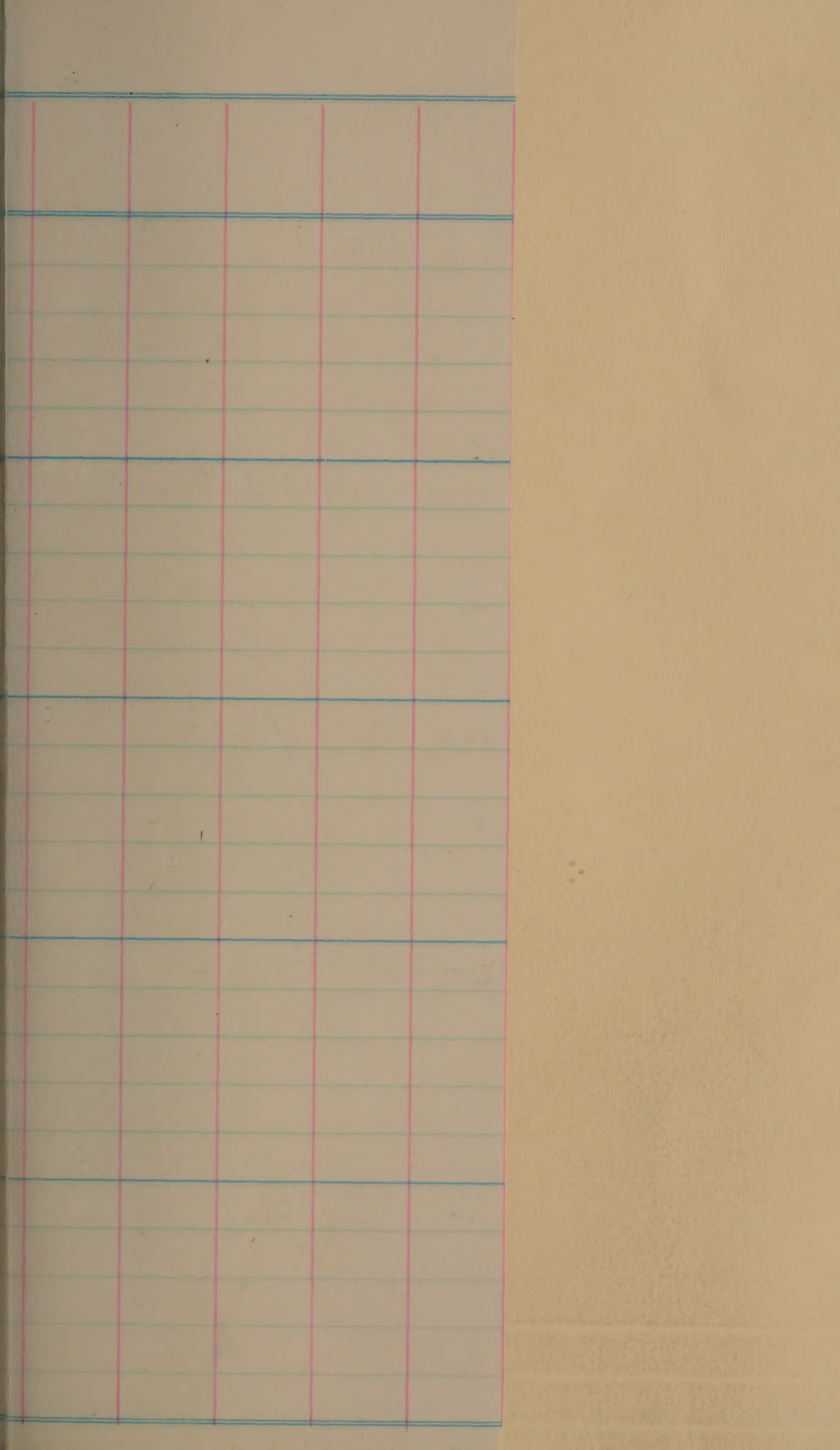
B347 B44-26,
R x N

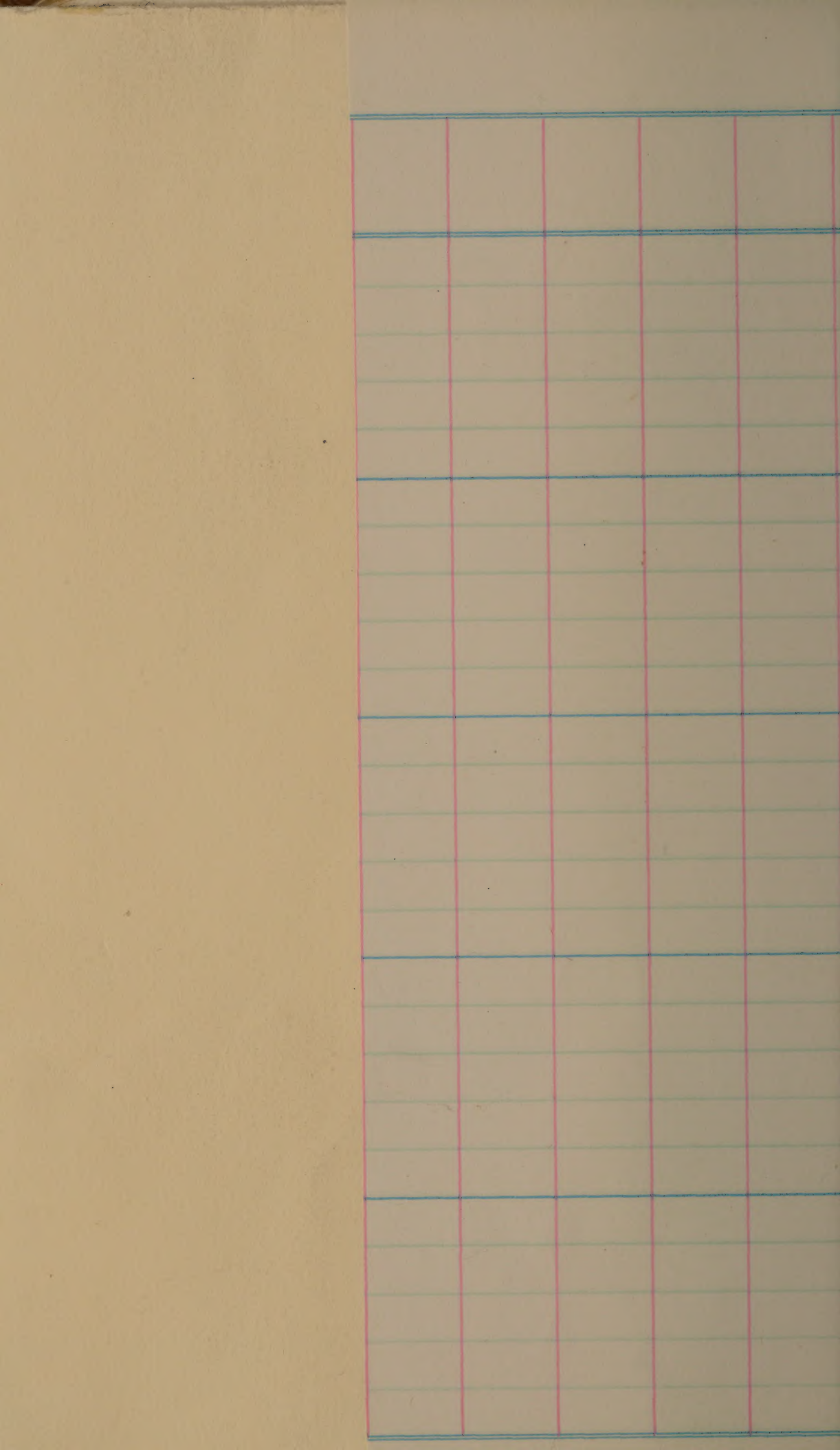
227

268

S45-V154,
R x N Sel.

228 9/7 9/14 10/2





PSS

PSS

PSS

PSS

PSS

2-11-11
A A A

2-11-11
A A A

2-11-11
A A A

269

306 9/2 9/12 9/30

B347B44-23,

R x N

gold hulls, very much
like 270 + 272

270

316 9/7 10/2

B347B44-8,

R x N

gold hulls, v. much
like 272

271

4593 9/1 9/10 9/30

B347B45-5,

R x N

must too tall
straw hulls, v. long grain

272

4545 9/6 9/11 10/2

B347B45-7,

R x N

gold hulls, clean straw
med long straw

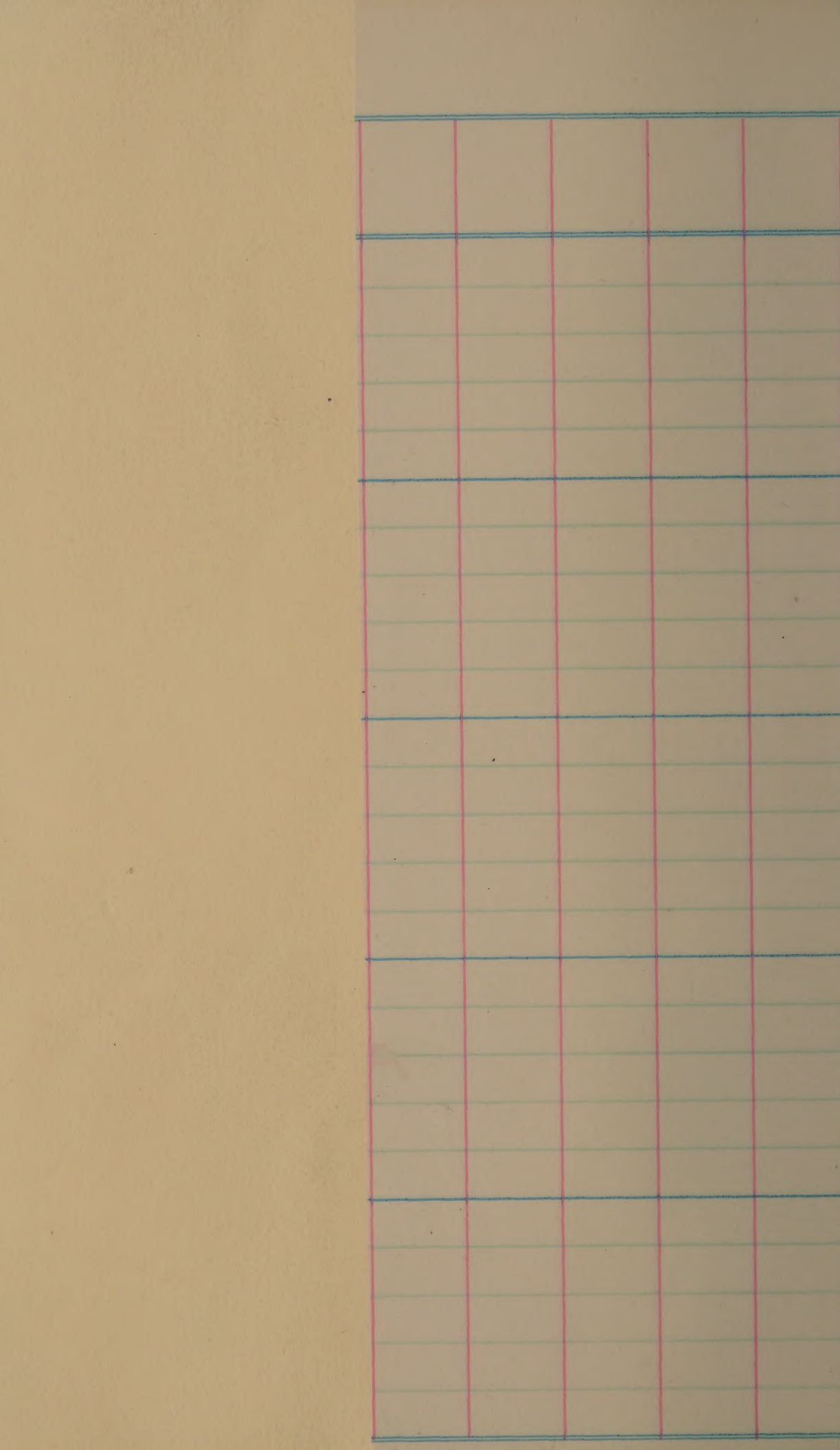
273

4597 9/6 9/12

B347B45-9,

R x N

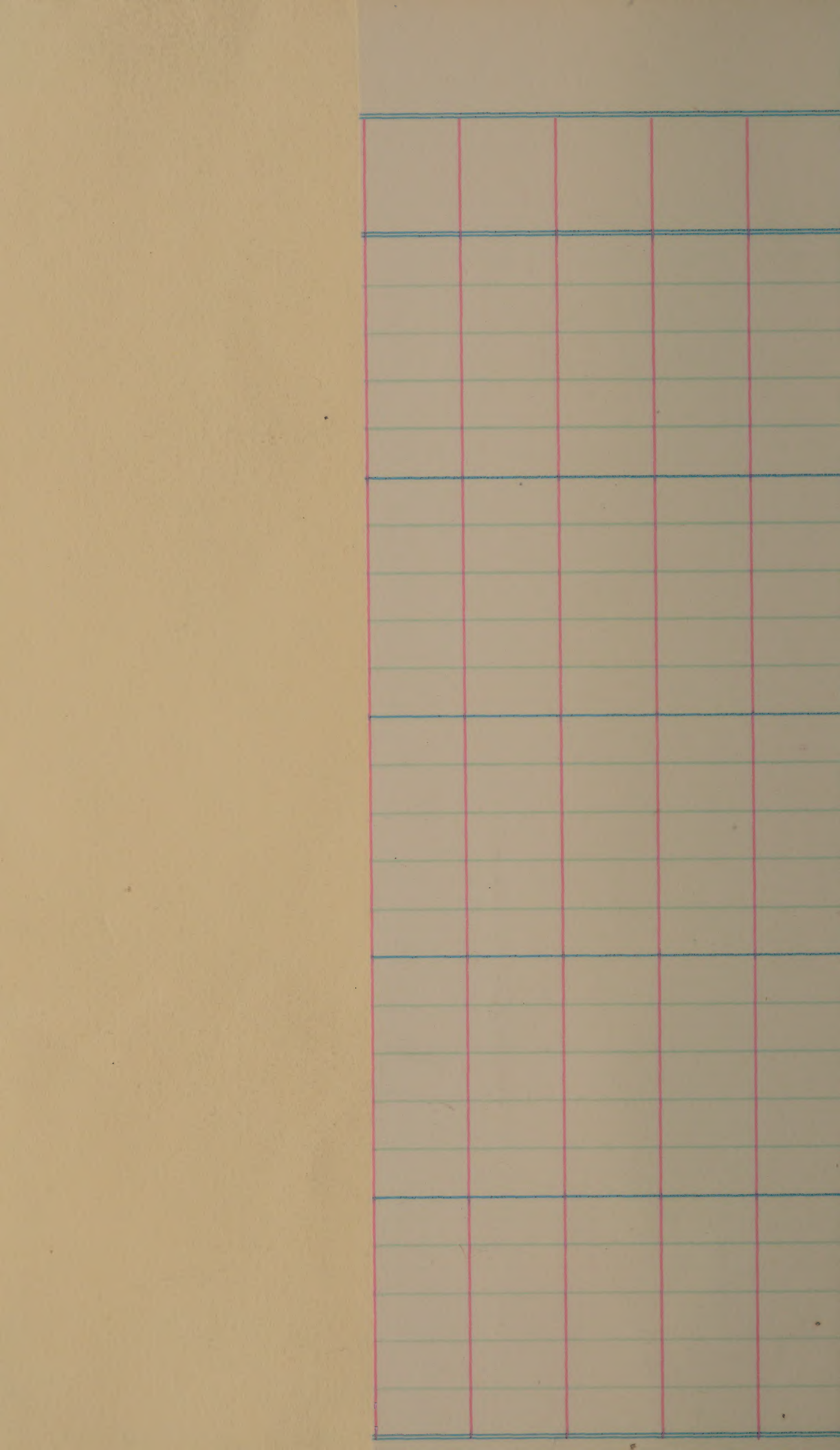
Very leafy, v. tall



~~274~~

190

 $9/2$ $10/2$ ~~S45V116,~~~~TP Set.~~



575
 1957-58
 1957-58

575
 1957-58
 1957-58

575
 1957-58
 1957-58

575
 1957-58
 1957-58

575
 1957-58
 1957-58

275

245

9/1

9/7

10/3

C.I. 5399,
Glutinous

276

247

8/19

8/26

9/22

B344 B41-6,
CA x K

277

248

8/20

8/28

9/23

C.I.-6796

278

249

8/22

8/30

9/24

Gunekki

279

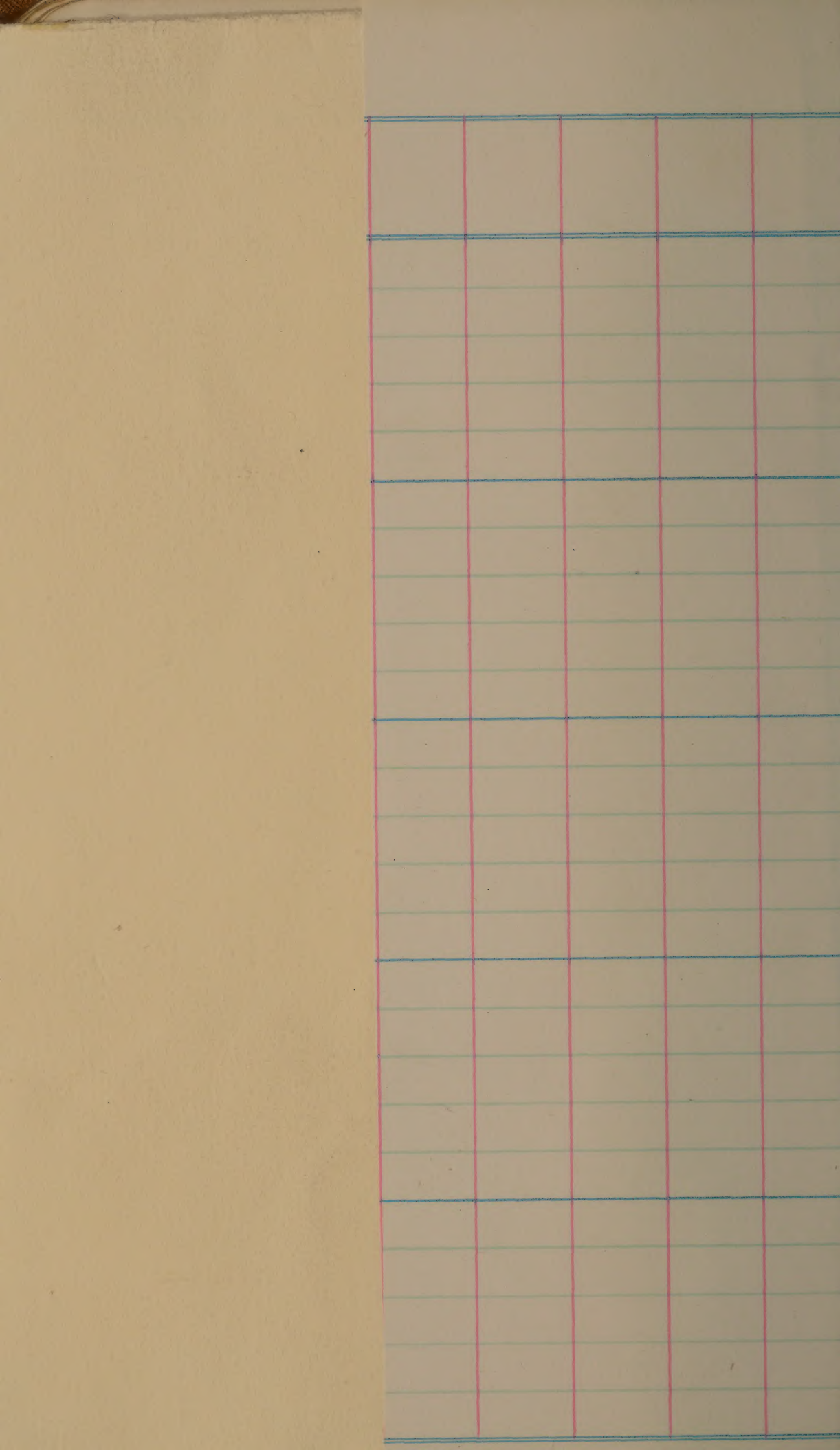
251

8/13

8/20

9/14

B44-2047,
Smooth EP



SBS

E-MAKER

T-2000-2

(4x12)

SBS

E-MAKER

T-2000-2

SBS

E-MAKER

T-2000-2

(4x12)

SBS

E-MAKER

T-2000-2

SBS

E-MAKER

T-2000-2

280

246

9/4

10/2

B3810A9-3,
S-EP x CA-Gly $\frac{1}{2}$
(smooth)

281

257

9/1

9/12

10/5

B406,

The cleanest & greenest straw
F x Red of any sel or variety in our - ripe
stage

282

258

8/28

9/4

9/30

Blue Rose x Sel.

++ for Whit 9/12
(Early Pearl
type)

283

260

8/28

9/4

9/30

B3712A1-7-2,

++ for Whit. Tip 8/12
(K x H) x BR

284

262

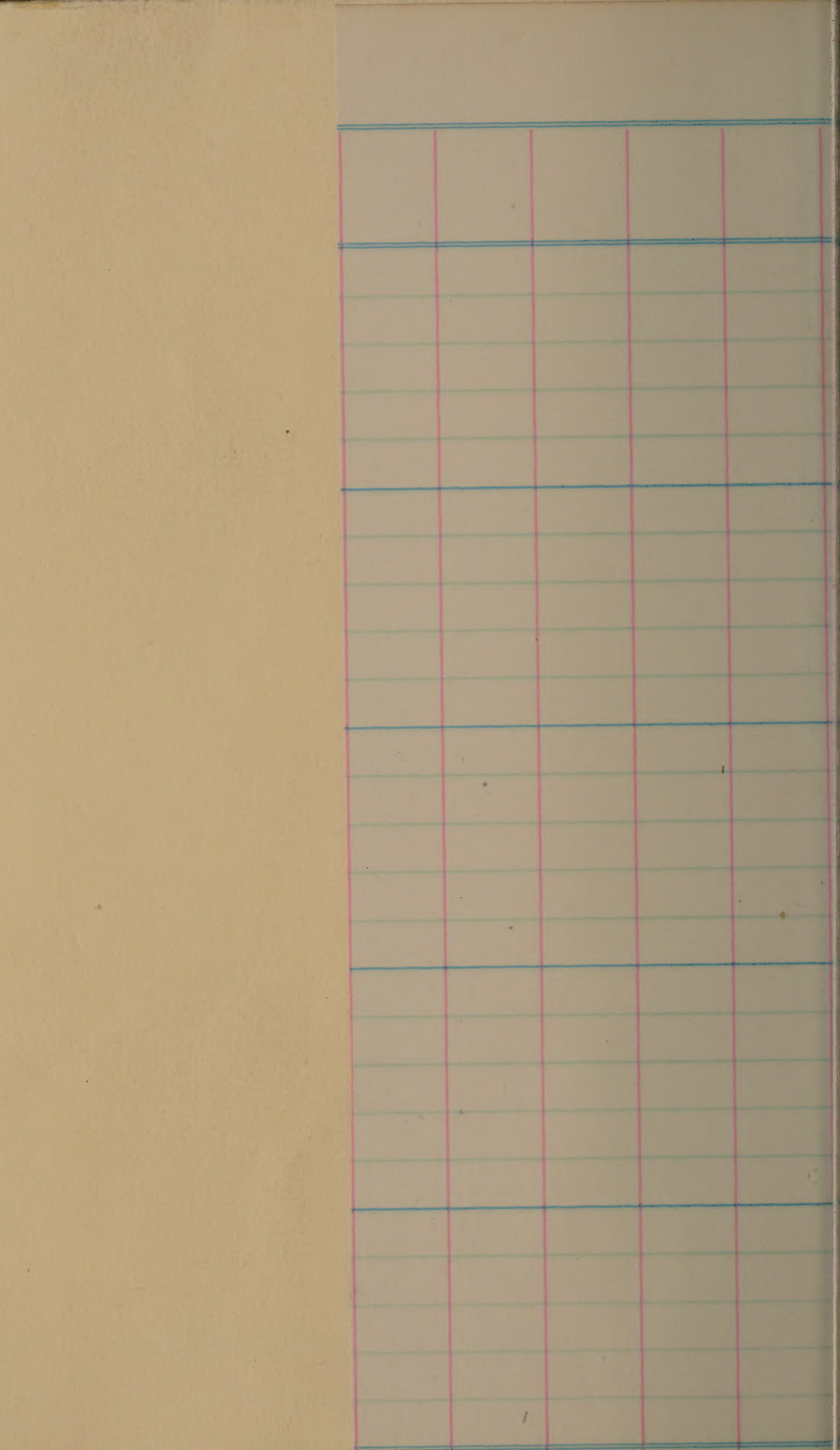
9/1

9/7

9/30

B34A39-47-1,

BR x 5309



285

1874-1875
 1875-1876
 1876-1877

286

1877-1878
 1878-1879

287

1879-1880
 1880-1881
 1881-1882

288

1882-1883
 1883-1884

289

1884-1885
 1885-1886

285

B4045A3,
(B323A2-8x
BR 41)

275 9/6 9/16 10/6
Too tall

286

B352A1-89-3-4,
KxR

2037 9/8 9/17
Too tall

287

B323B45-4,
R x SBR

2821 9/7 9/16 10/1
a very good rice

288

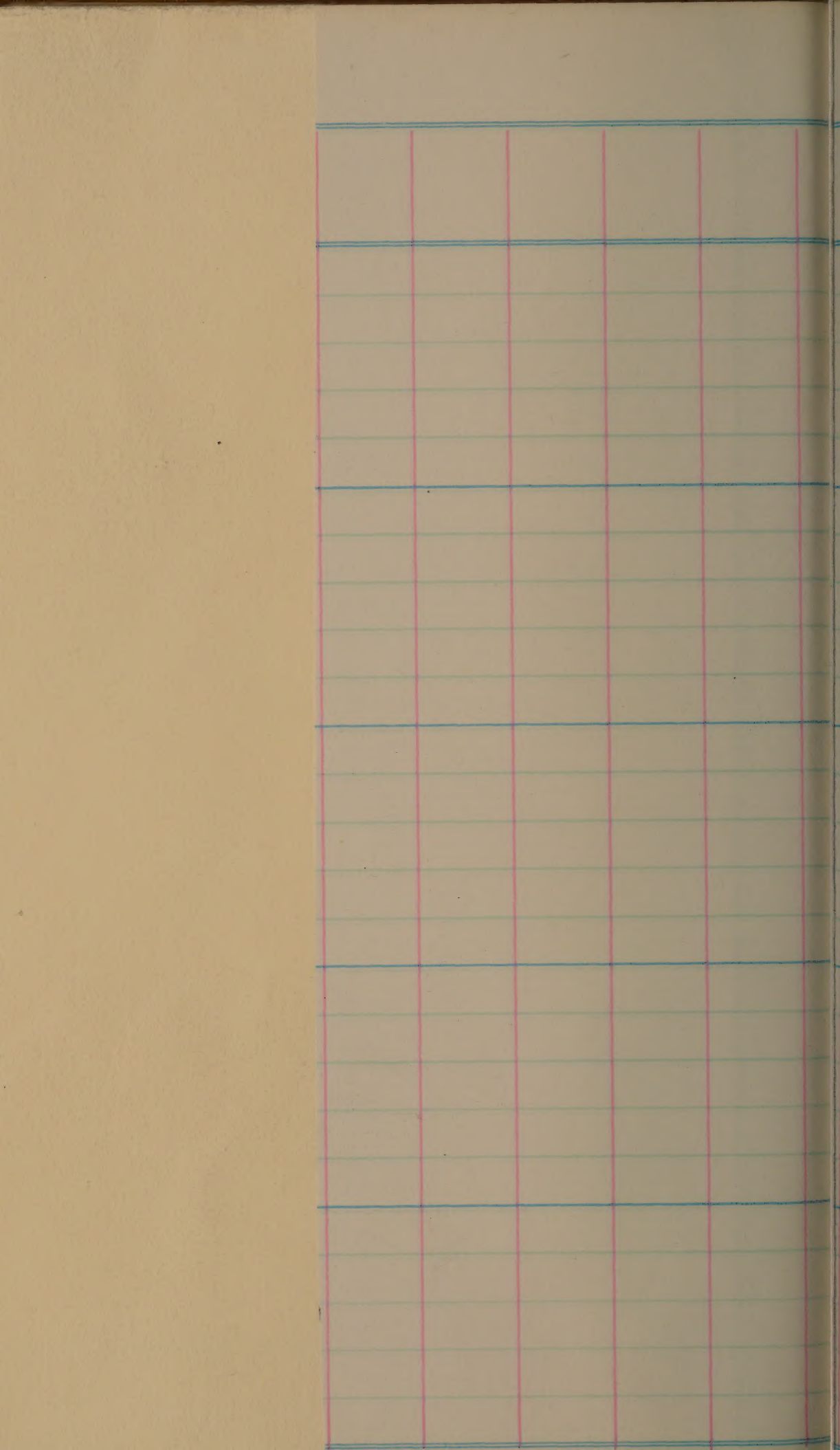
B323B45-9,
R x SBR

2826 9/8 9/16

289

B4045B45-2 chipanide types, good
R-SBR x BR41 Ared-gr. types

2854 9/8 9/7 9/30



290

272

9/2 Aug 71

B44-2404,

disc Smooth BR

291

266

8/30 Aug

B44-2402,

disc Smooth BR

292

2875

Aug
some v early plants

B44-2402-14,

disc Sm. BR. Sel.

293

2969

9/6 9/17

B43-2792,

Sm. BR Sel.

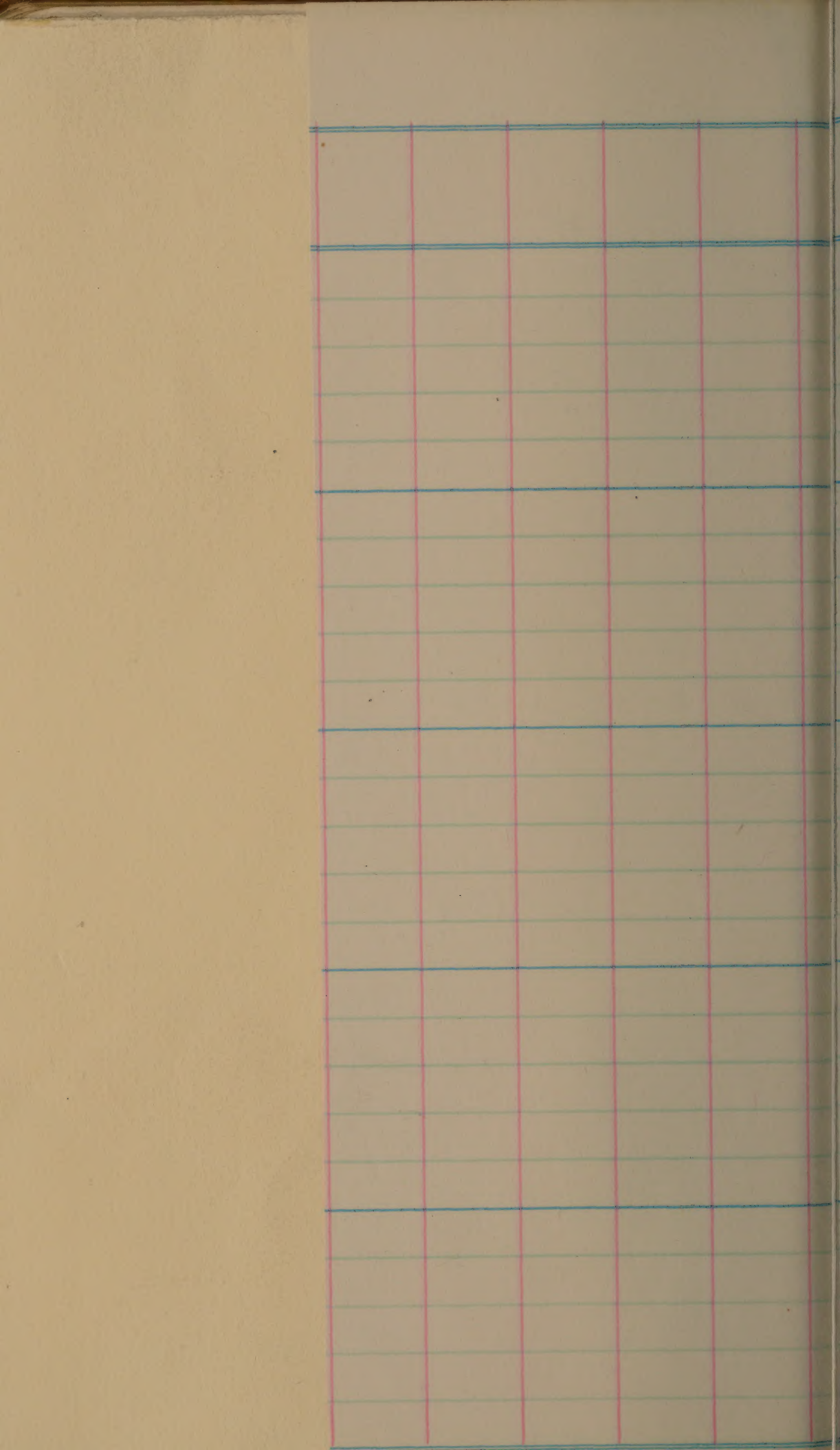
294

3046

8/18 Aug

B3710A-20-2-2,

disc K-H x BR



295

3298 8/30 9/6 9/30

B439A1-5,
 (B4112A5-8x
 B3715A36-6)

296

265 9/30 9/7 9/29

B41-3282-1, short regulation, + mlt Trip
 Sm. BR

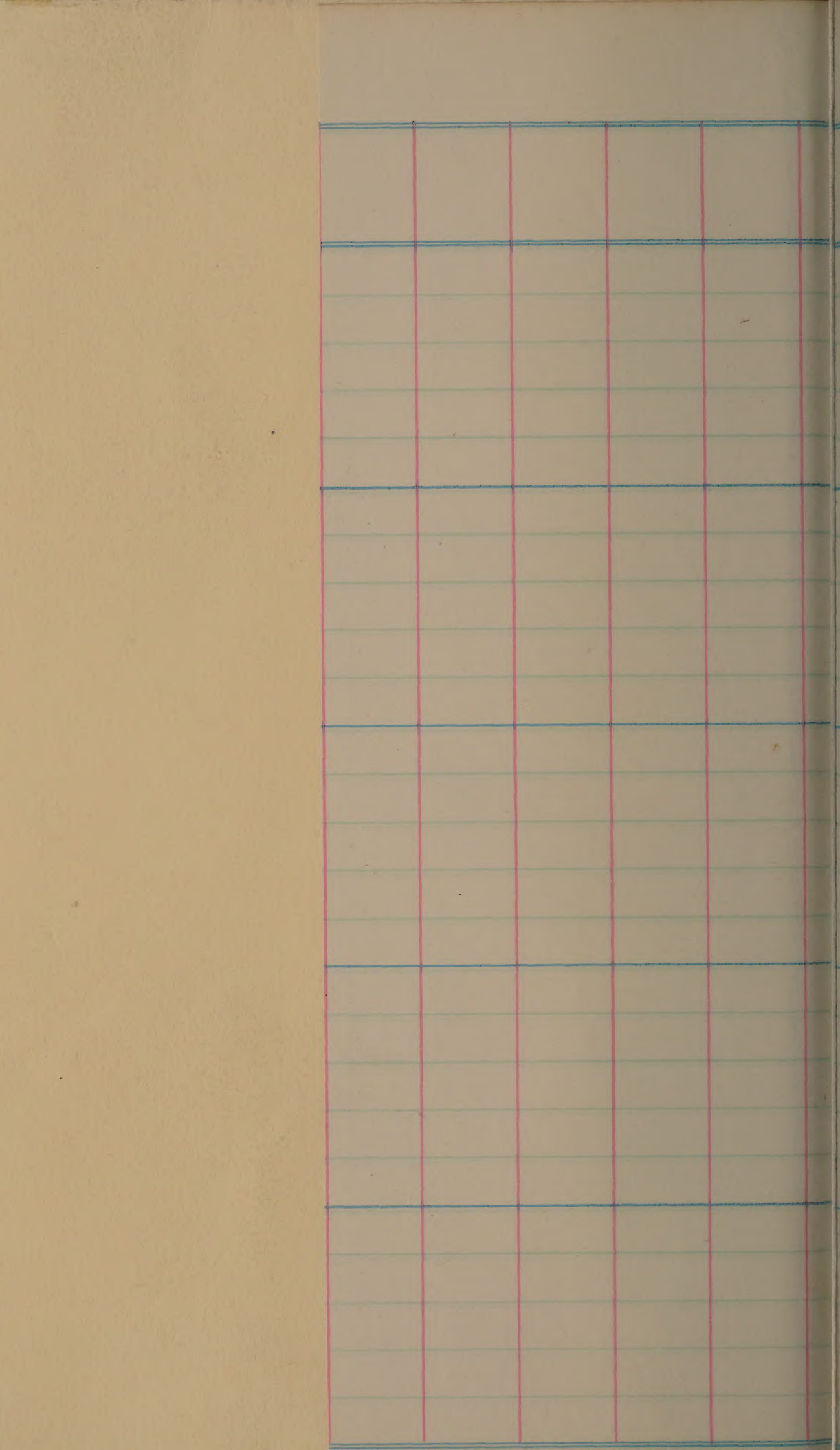
297

177 9/8 9/18

B352A1-49,
 KxR

298

B352A1-88-2-2,
 KxR



818

BERRY-3125

2 x 2

863

BERRY-3125

863

BERRY-3125

2 x 2

863

BERRY-3125

2 x 2

863

BERRY-3125

2 x 2

298

178

B35241-88-2-2,

K x R

299

185

9/29

Rexona

300

2035 9/7

Missing
Late Compo-
site Plot

301

207

9/9

B3713A3-2-3,

S x R

302

99

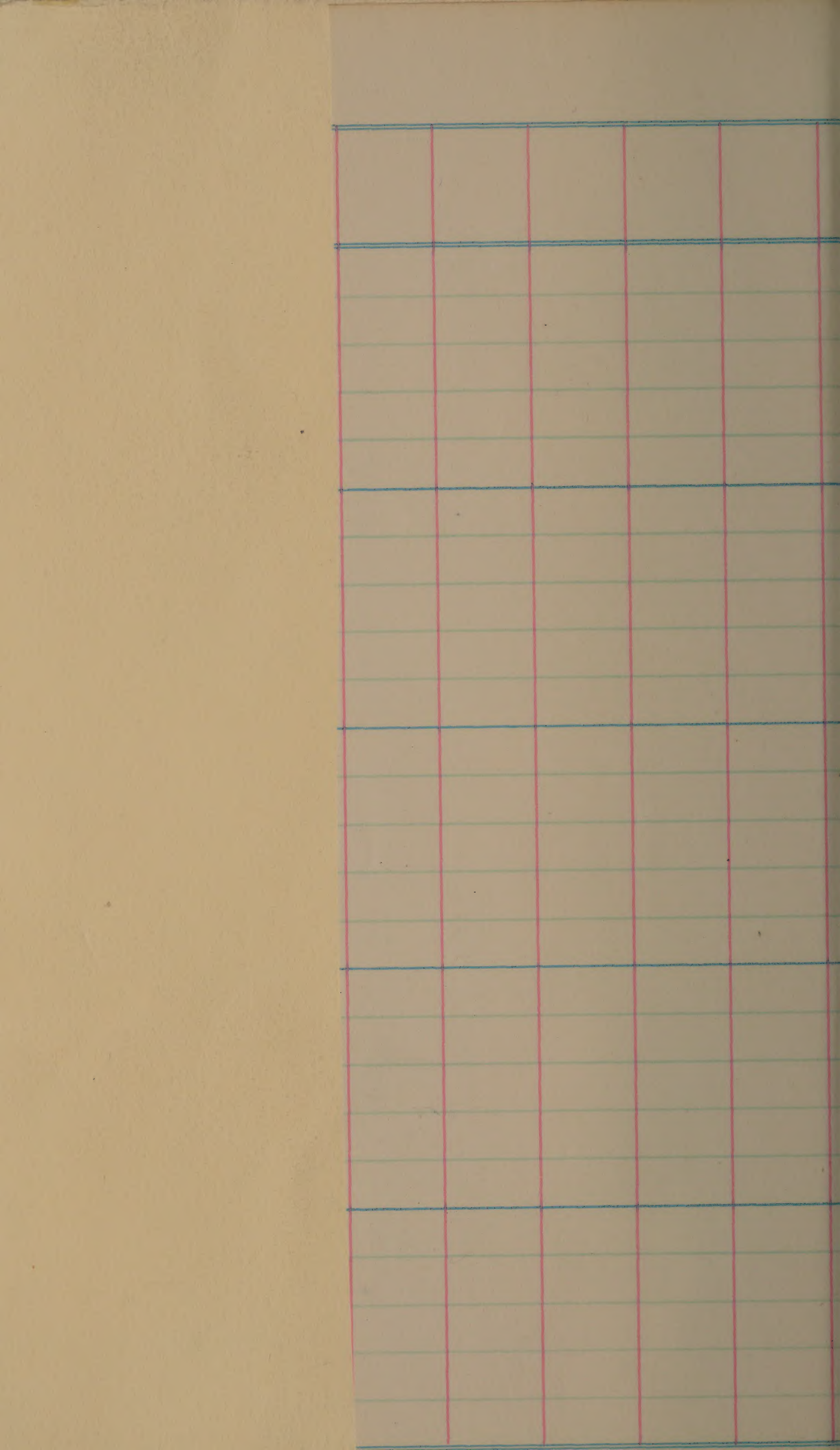
9/5

- 10/3

B3713A17-2-4,

S x R

Missing
Very tall



808

808

808

808

808

missing 303 2211 8/12
 B346 B43-1,
 S x N
 Very tall vegetatively, semi-
 rolled, very erect leaves dark
 color. V. large grain of
 like Java Long

304 2316 9/27
 Nina Sel.
 (gold holls)

305 2317 9/17
 Nina Sel.
 (gold holls)

306 2319 9/28
 Nina Sel.
 (gold holls)

307 79 9/5 9/16
 B3313A1-20-4,
 R x 7689

missing

H0

++

dark green color

++

light green color

++

dark green color

Similar to 306 on 9/6
erect leaves, dark color,
HO = ++

lighter green color, taller, longer
leaves than 306 on 9/6
HO = ++

Rather dark color, erect leaves 9/6
HO = ++

HO = ++

303

304

305

306

307

308

92

9/28

Hyb. Mix. 9-44-48,

TP+R x LS

Very good

Add
if rec'd
available

309

194

9/11

9/21

Hyb. Mix - 9-44-43,

TP+R x LS

missing

310

2370

9/27

10/3

B4026A5-23-4-4,

R-7689 x R

missing

311

195

9/19

B4030A3-13,

R-7689 x TP

missing

312

2164

9/25

B4030A3-4-7,

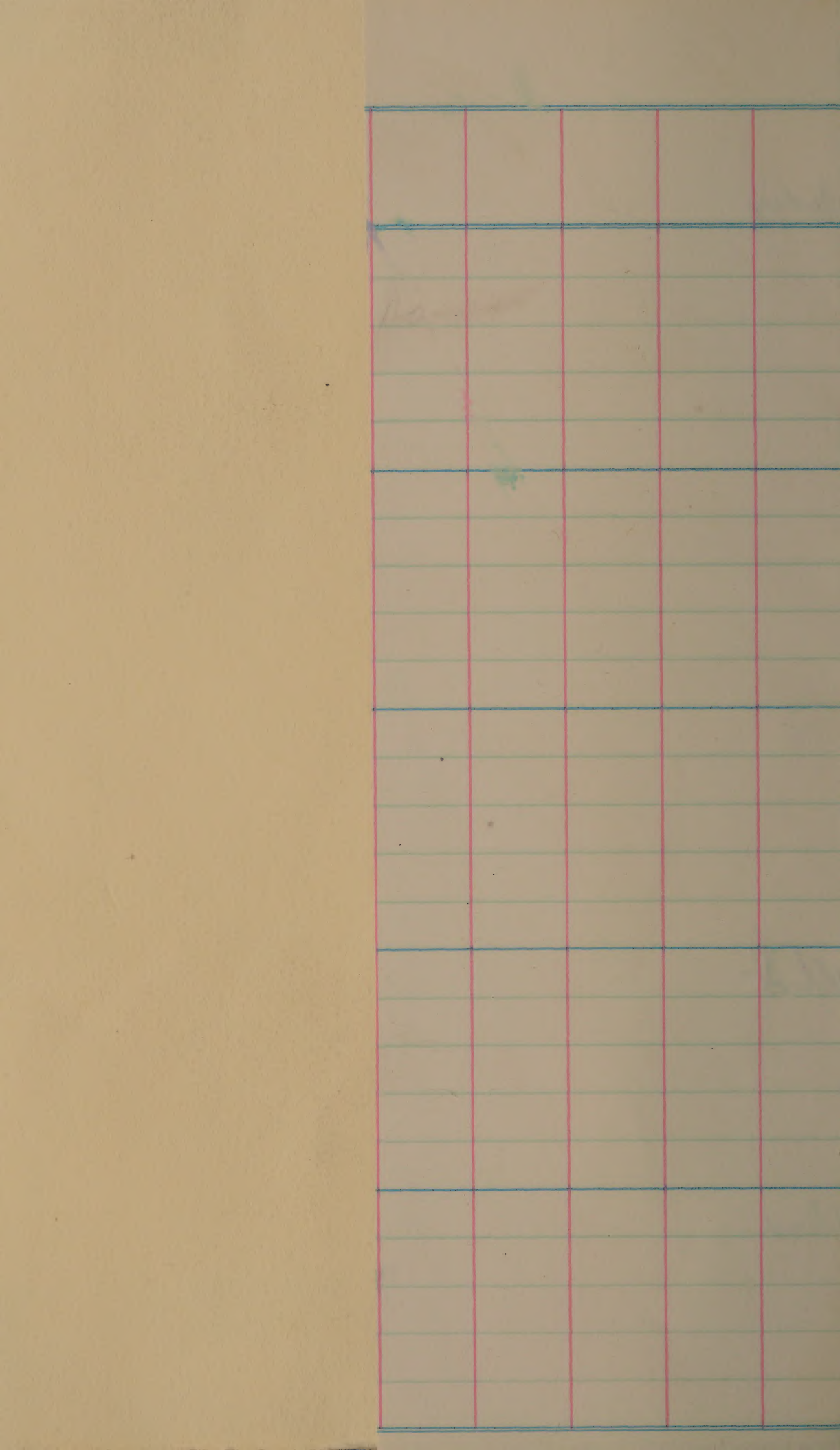
R x 7689 x TP

missing

lodig

Vhod-

Vhod



THE
 ENGINEERS
 1875-1876

THE
 ENGINEERS
 1875-1876

THE
 ENGINEERS
 1875-1876

THE
 ENGINEERS
 1875-1876

THE
 ENGINEERS
 1875-1876

313

2175

9/27

B4030A3-21-3,
R x 7689 x TP

314

2185

9/2

—

9/28

reappt
Fublatia

4030A3-37-1,
(R-7689 x TP)

Segs maturity

315

196

9/18

B4031A1-1-4-8, lodged worse than
TP x R-SBR other strains

316

197

9/20

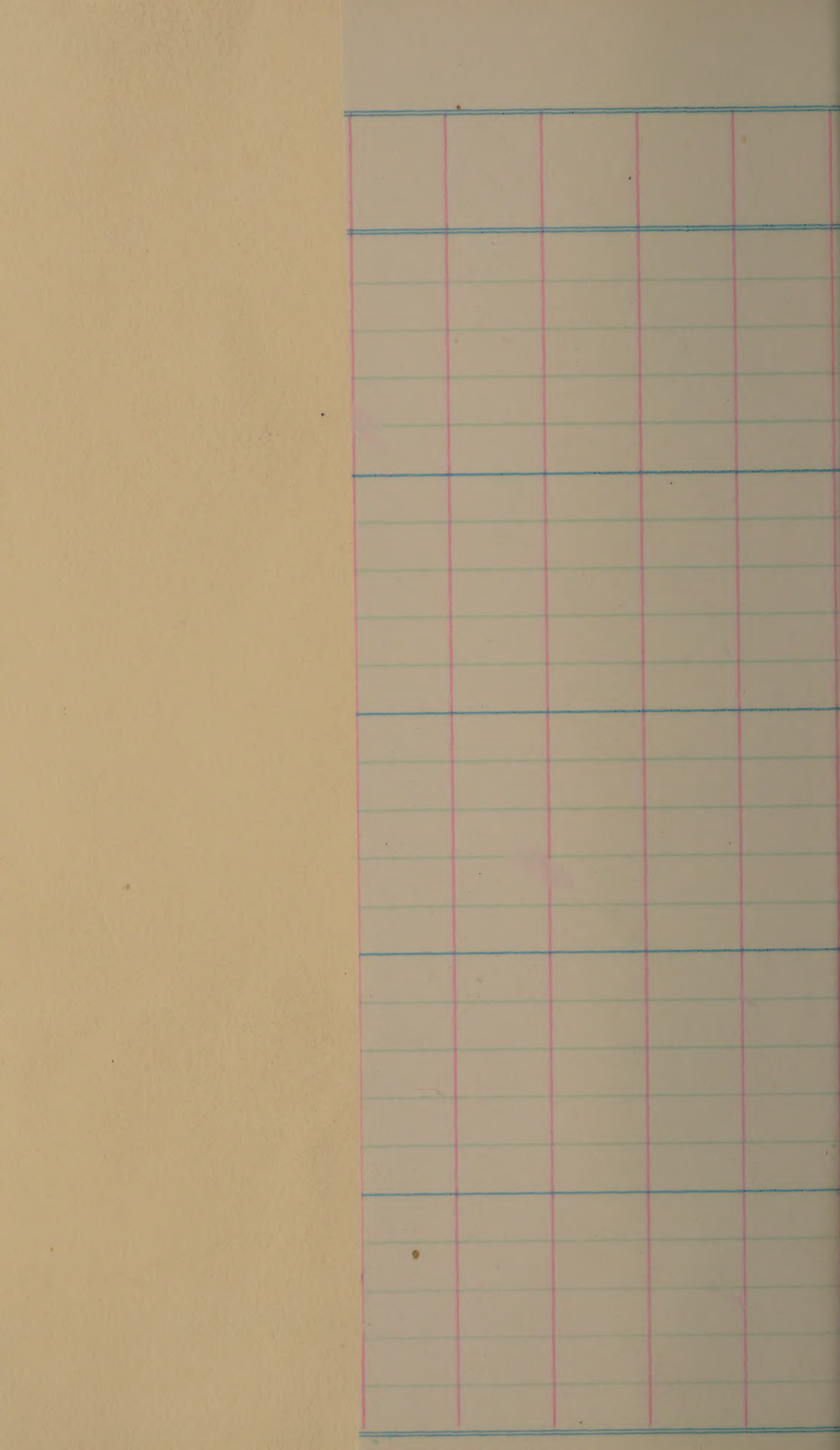
B4031A1-1-8, lodged worse than
TP x R-SBR other strains

317

2387

9/19

B4031A1-1-8, lodged worse than
TP x R-SBR other strains



318

2178

9/28

B4032A-3-1-3,

TPXRxD

319

2141

9/28

B4033A4-15-1,

TPXRxD 89

320

2146

9/24

B4033A4-15-2,

TPXRxD 89

321

2732

9/28

B4033A4-31-1,

TPXR-7689

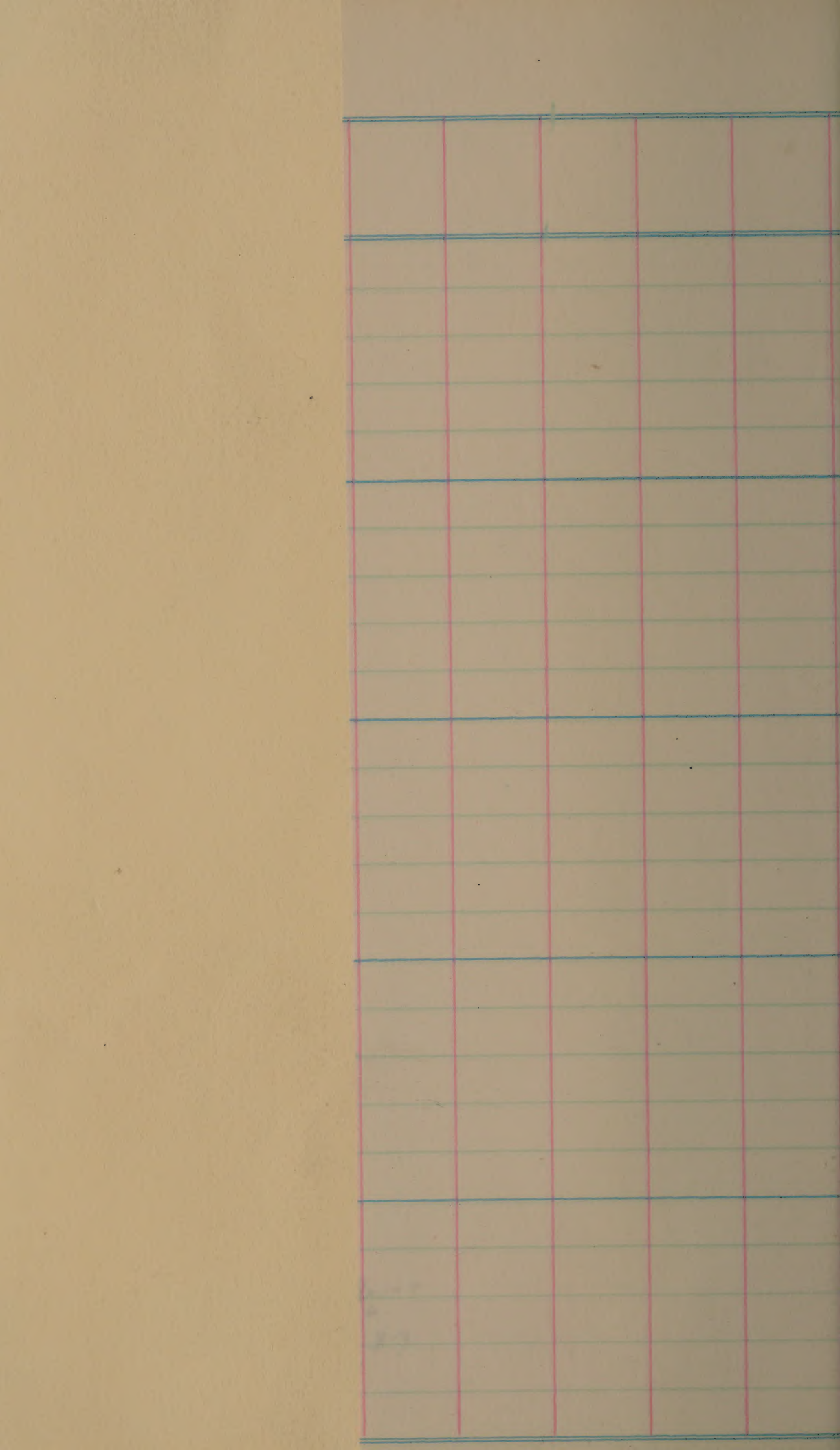
322

2506

9/22

B4033A4-38-1-7,

TPXR-7689



323

2261

9/24

B43-280-1,

Straw. TP

324

75

9/24

Texas Patho

CI-8321-1

325

2558

9/23

B40 33A4-38-1-11,

TPxR-7689

326

2576

9/21

B40 33A4-38-1-12,

TPxR-7689

327

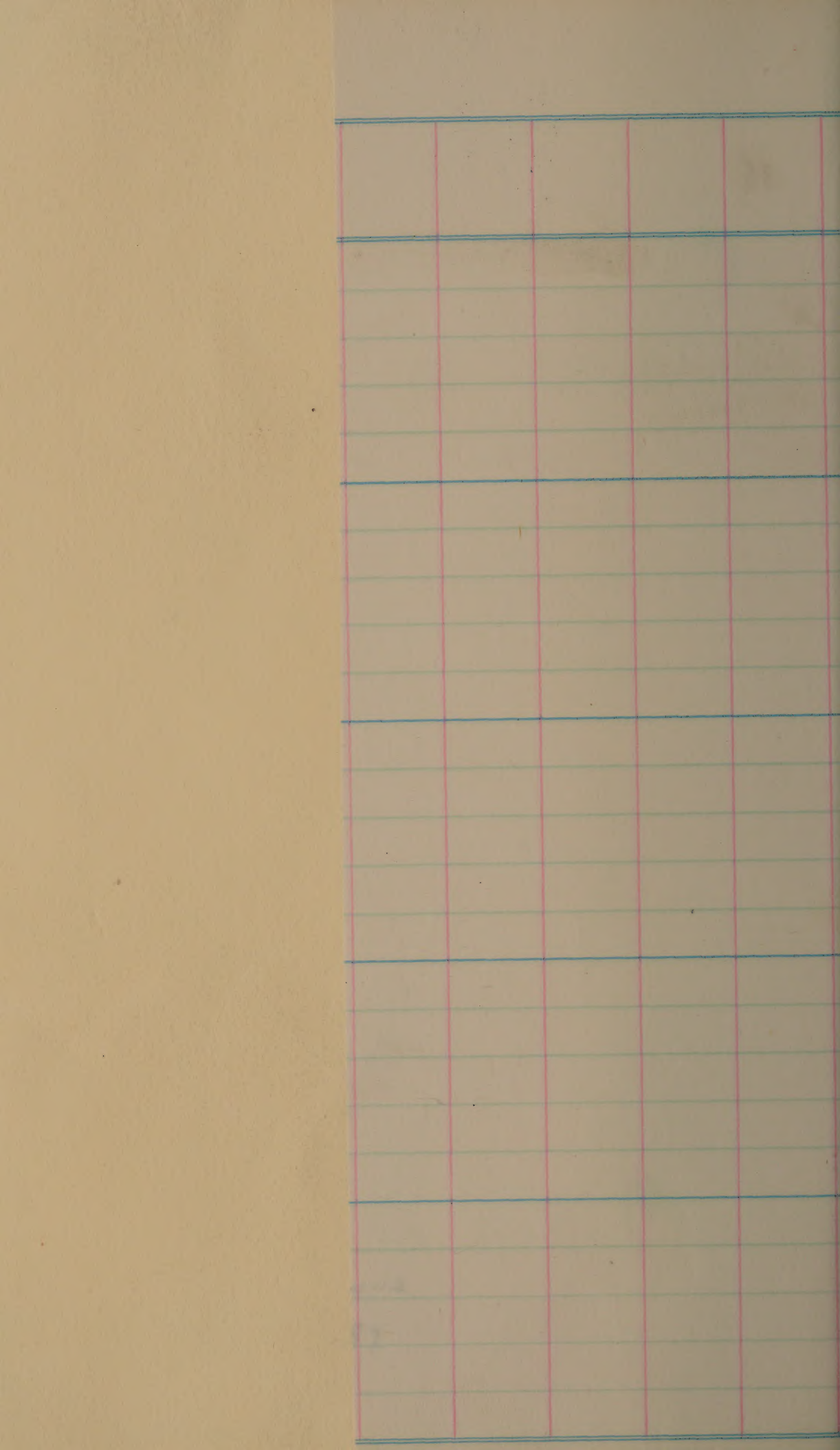
2592

9/24

B40 33A4-38-1-12,

TPxR-7689

73



328

2603

9/25

B4033A4-38-1-13,
 TPxR-7689

329

2696

9/25

B4033A4-38-1-17,
 TPxR-7689

330

2186

9/22

B4034A3-16-1,
 TPxR-D

331

2938

9/20

9/27

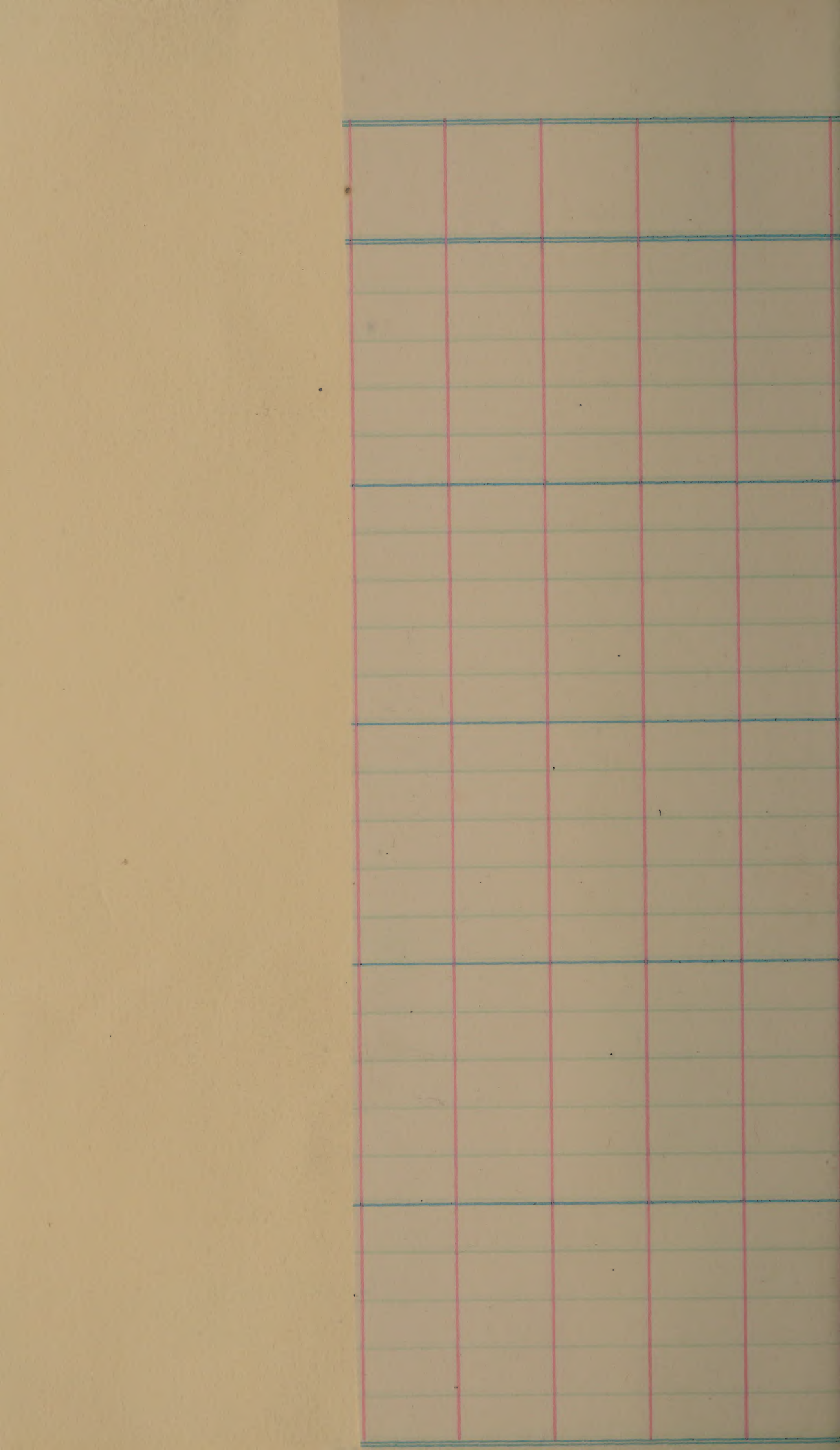
B4035B44-11-5,
 TPxR

332

2748

9/25 10/1

B4035B44-22-3,
 TPxR



333

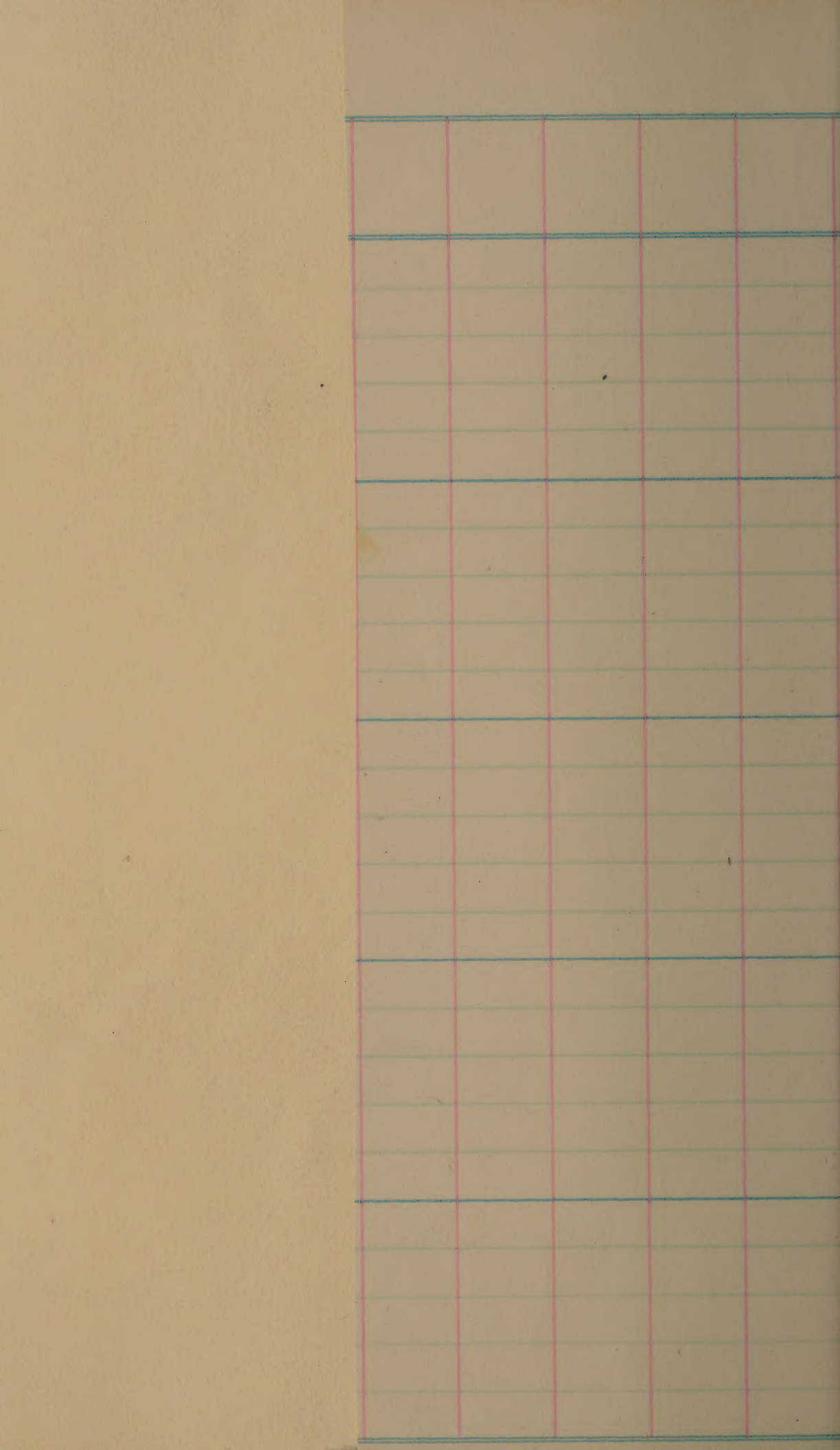
2755

 $9/26^{10/3}$

B4036A1-7-7,

R-DxR

~~2314~~~~235~~



Length of individual plots = 42.2 ft

Seedling
order

B41/A3-7-2	1	✓ 33 8/9	8/19	9/8	42
8323 x 20014	102	some white tip			42
	210				44

B45-5003	2"	27 8/15	8/24	9/14	40
Hill. Sel	106				41
(Med)	208				43

B4045B44-8	3	26 9/14	8/27	9/20	44
R-SBR x BR41	107	much shorter than 2 E plots			
	213	on 8/12			45

Magnolia	4	11 8/12	8/25	9/13	46
CI-8318	103	sh. shorter than previous			44
	214	ht than EP			45

Early Prolific	5	6 8/11	8/24	9/13	48
CF-5883	101				46
TS-19801	209				48

x 6 feet wide

172A

4 plots x 43.211

straight pounds per A

12.50

Moderate

11.00

14.20

12.30

50.00

11.70

Moderate

12.88

12.31

9.88

46.77

8.00

Highly S

10.88

14.75

12.25

45.88

10.94

Moderate

10.13

11.94

12.56

45.57

11.94

Moderate

11.06

12.19

10.56

45.75

Productive but still virgin
in lot of plants

V. uniform lot, all heads are at
same level, Very outstanding.

Much taller than Smith

-47.8 2150

44.7 2011

43.8-1973

43.6 1960

43.7 1967

Zenith	6	10	8/11	8/22	9/8	45
CI-7787	105					44
	211					44

C6-250-121	7	7	8/10	8/16	9/10	41
CO-BR&S-F	104		V. Uniform heading			41
	212					43

Prelude	8	14	8/14	8/25	9/17	49
CI-8311	114		Ta white tip, look very			4
	205		good 8/12			4

S41-10609	9	5	8/20	8/26	9/18	43
RxSBR	113		no white tip			43
	204					44

B403/A1-4-5, 10	19	8/18	8/28	9/18	41	
TPxR-SBR	110	Only trace	white tip, much taller			4
	202		than A1-5-3			4
			Taller than R-SBR on 8/12			
			darker color			

moderate

11.75

10.13

11.06

10.56

43.50

Resistant

13.63

12.50

11.00

11.25

48.38

13.19

13.13

14.13

9.81

50.26

10.56

moderate

11.88

12.0

9.56

44.00

8.06

11.44

11.94

9.75

41.19

Highly S

Standing very well in
over ripe stage

Body discolored as soon as
mature but straw & leaves
remain alive in over ripe
stage

Is leaning on $\frac{1}{3}$ when cut
and definite indications of
lodging. Has been so for some time

41.6 1870

46.2 2080

48.0 2161 - 124

42.0 1892 11.2

39.4 1771 11.2

B403/A1-33	11	1	8/16 ²	8/27	9/12	37
TPxR-SBR	112	considerable white T ⁸ / ₂				39
	203	V. dark green color				41

Hill Long	12	2	8/18	8/30	9/19	42
Grain	111 ^c					49
	201					47

Cody	13	16	8/3	8/13	9/8	38
CI-8342	109					40
	207					42

Caloro	14	108	8/12	8/22	9/16	37
CI-561-1	108					40
TS-19799	206					44

moderate

9.50
11.00
12.00
8.63

41.13 39.3 1769

moderate

8.25
9.38
9.88
8.19

35.70 34.1 1535

moderate

5.88
10.06
9.56
6.25

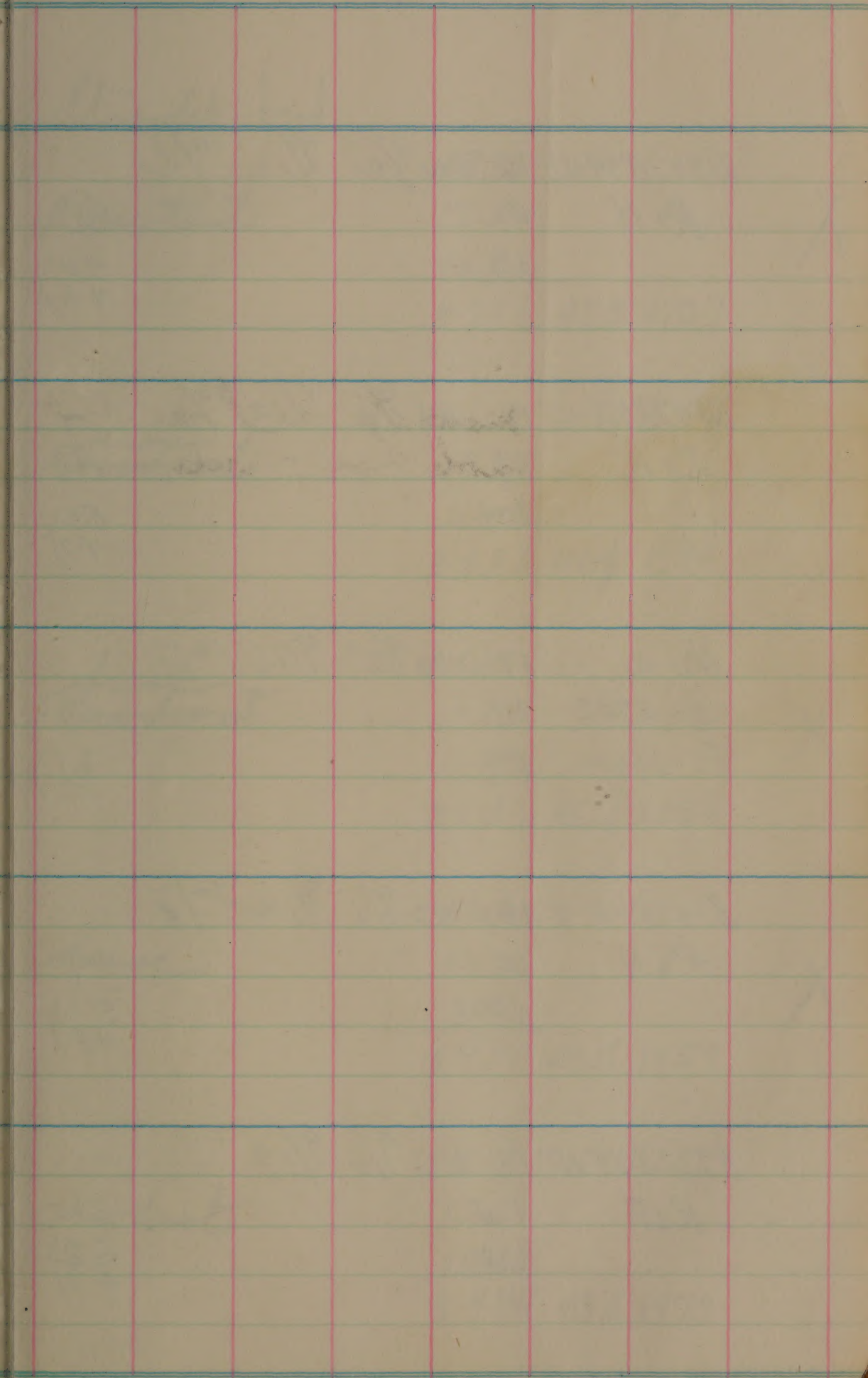
31.75 30.3 1365

moderate

5.44
10.88
10.44
7.56

34.32 32.8 1476

many stems are broken at 1st
node from panicle



X B347B44-13 15 320 9/1 9/12 10/2

RxN 119

221

48

50)
46)

B347B42-10 16 44 9/4 9/13 10/3

RxN 117

224

49

50)
47)

Nira 17 40 9/5 9/16 10/5

CI-2702 118

TS-19926 219

59

61)
57)

X B347B40-9 18 42 9/2 9/12 10/1

RxN 121

222

49

50)
47)

B322B44-15 19 312 9/6 9/17 10/1

RxF 120

218

51

52)
47)

3 series x 57.319 = lbs. per Acre

Straylet-head

13.31

Resistant

13.50

10.31

37.12 47.3 2127

~~Suscept~~
~~moderate~~

10.13

13.75

11.00

34.88 44.4 1999

~~Suscept~~
~~moderate~~

11.63

13.13

11.13

35.89 45.7 2056

Suscept

11.06

13.31

9.81

34.18 43.5 1959

moderate

11.19

12.56

10.69

34.44 43.8 1973

Practically no straight-head
 in 1st or 2nd series
 while 46-321 shows considerable
 B44-13 is as good as B44 for
 straight-head
 at least 15% straight-head
 in 1st series (average)

min shows 15-20% straight-head.

Shows 20-25% straight-head
 H. more than min

Practically no straight-head
 as good as B44

X T. Fortuna 20 119 9/1 9/11 9/29

CI-1344 116

TS-9821 223

52

52
49

Blue Rose 4/21 114 8/30 9/6 10/1

CI-8317 124

TS-33108 215

51

49
43

X Blue Rose 22 116 8/30 9/6 10/1

CI-1962 122

TS-7183 217

51

49
43

B4112A5-5-123 121 8/31 9/7 10/1

B41-3282x' 123

BR41 216

52

50
43

X Bluebonnet 24 8/26 9/4 9/25

CI-8322 115

TS-33104 220

50

49
47

Blue Rose

ucculent

12.75
12.56
9.75
35.06 44.6 2009

Succ.

14.56
14.38
11.00
39.94 50.9 2289

Succ

12.56
13.06
11.43
37.05 47.2 2123

moderate

17.69
15.81
14.00
47.50 60.5 2722

Usulent

10.38
12.00
10.25
32.63 41.6 1870 11.6

Show a small amount of
straight head, like Bkt, R-F
+ B44-13 (R-N)

Bad for straight head

Bad for straight head

Practically no straight head
definitely more resistant to
straight head than Bkt or Bkt,
a better mix than Bkt. Analysis
taller but more productive.
No more straight head than
Fortuna,

A blank sheet of graph paper with a grid pattern. The grid consists of light blue horizontal lines and red vertical lines, creating a series of small squares across the page. There are approximately 20 columns and 15 rows visible.

1. *Adiantum*

B32/B40-3 25 85 9/14 10/13

RxD 131

CI-8343 227

(50
48)

X Texas Palms 26 75 9/14 9/25 10/14

CI-8321-1 125 no slenderness in 1st

225

(52
47)

X B4033A4-32-1 27 73 9/16 9/28 10/16

7PXR-7689 127 Highly stunted in 1st

220 sl taller than High Max in 46
2nd series

(44)

Rexoro 28 78 9/29 10/26

CI-1779 128 Highly stunted in 1st

TS-1994 226

(48
45)

Delrex 29

CI-8320 129

228

D. plate

9/19 10/2 10/17

(52
49)

moderate

$$\begin{array}{r}
 CO \quad \frac{10}{10} \\
 S \quad \frac{3}{0} \\
 S \quad \frac{10}{0} \\
 S \quad 0
 \end{array}$$

Resistant

$$\begin{array}{r}
 S \quad \frac{0}{0} \\
 S+ \quad \frac{0}{0} \\
 S+ \quad 0
 \end{array}$$

Succ

$$\begin{array}{r}
 R-Tn \quad \frac{3}{1} \\
 R-Tn \quad \frac{1}{0} \\
 R-Tn \quad 0
 \end{array}$$

Succ

$$\begin{array}{r}
 \frac{5}{1} \\
 D \\
 S+ \quad 0
 \end{array}$$

Succ

$$\begin{array}{r}
 \frac{3}{10} \\
 \frac{10}{10} \\
 M-R \quad Tn
 \end{array}$$

did not feel as well as TP
 1. heavy for grain, taller than usual.
 leaves stay greener than Racco.

V. productive, no straight head
 Fresh the most prod. Var in taste is
 (average) very bad for leaf drying
 & too tall.

V. bad for str-head but not damaged by
 lack of water.
 leaves & stems are still except,
 green on 10/29. leaf tips show very
 little drying.

I. bad for straight head, damaged
 from lack of water.
 leaves dying very rapidly on 10/29
 more dead leaf tips on 10/29 than
 High mix but a week later in mat.
 also taller than High mix.

let seed reasonably well, not so
 bad for str-head as some.
 Too tall & too much stinkiness.

13.00

15.00

15.50

10.25

53.75 51.4 2311

11.50

12.75

14.25

10.50

49.0 46.8 2107

12.00

14.75

16.00

11.50

54.25 51.8 2333

13.0

14.50

16.00

10.0

53.50 51.1 2300

11.0

13.75

14.50

7.25

46.50 44.4 2000

B3713A3 30 77 $9/16$ $9/27$ $10/13$

SXR

130

231

47

47

Hyb Mix- 31 93 $9/21$ $10/1$ $10/18$

10-44-40 126 much shorter strained 745

229 than Rex

41

Succ.

Co	str Hd.
R	<u>4</u>
R	<u>1</u>
R	0

Succ

S	<u>5</u>
S	<u>2</u>
S	0
S	0

one of very worst for Str. hd.
 Ripens quite rapidly but free
 from diseases, clean lines on 10/29 but
 lower leaves are dead.

Has the Rex appearance
 sl. earlier + shorter straw
 Very bad for straight head,
 more dead leaf tips than 4033A4-38
 but much less than Rex on 10/29
 Prob. best bet for Rex improvement.

12.25

15.0

14.75

13.50

55.50 53.0 2386

9.50

14.5

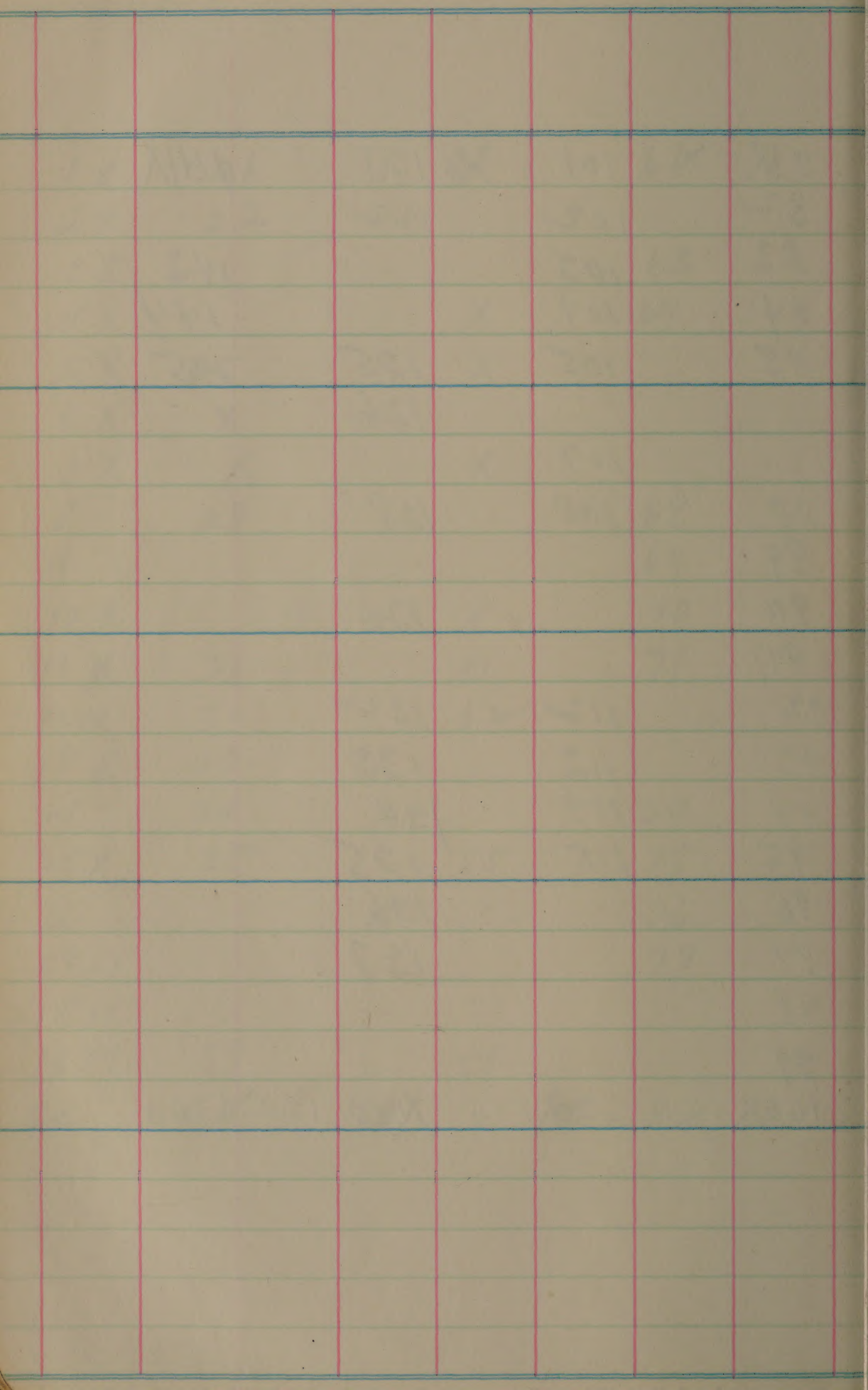
15.0

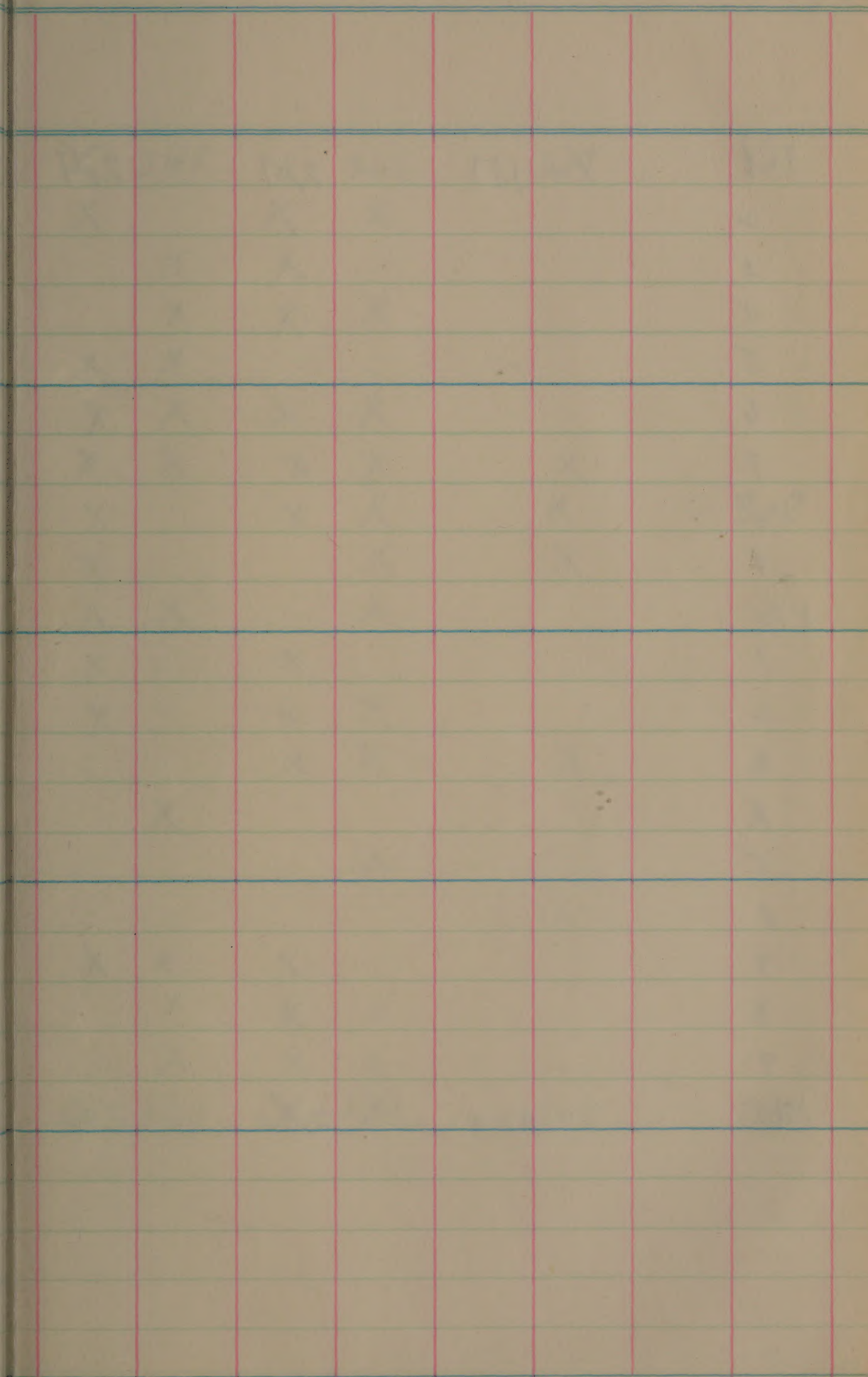
11.75

50.75 48.5 2182

1 X	21		4X		6X
2 X	22				
3 X					63
4 X			X		64
5 X	25		X		
6 X	X				
7 X	X		X		
8	28				68
9					69
10 X			X		70
11 X	31		51		71
12 X	32		52		
13 X	33	X			
14	34	X			74
15 X	35		55		75
16		X			76
17 17					77
18 18					
19 19	39		59		
20	4X	6X		8X	8X

81X	101	121	141X
82	102	122	
83	103		143
84	104		144
85	105	125	145
		126	
	107		
88	108	128	
89			
90		130	
91			
92	112	132	
93	113	133	
94	114	134	
95	115	135	
96		136	
97		137	
98			
99			
100X	120	120X	140
		X40	160





161	181	21	21
2		X	X
3		X	
4		X	
5			X
6		X	X
7		X	X
8		X	X
9			X
170			X
1		X	X
2		X	X
3		X	
4			
5			
6			
7		X	X
8		X	
9		X	
180	200	20	20

241

X

X

X

X

X

X

/

X

X

X

X

260

261

X

X

X

X

X

X

X

X

X

X

X

X

~~270~~

~~281~~

X

X

X

X

X

300

301

308

X

X

X

~~320~~

X

321

X

3

4

X

X

X

X

X

33X

X

X

X

4

5

6

7

8

9

340

Conner

If this notebook is lost will finder please use the attached frank and mail to: The Division of Cotton and Other Fiber Crops and Diseases. No postage stamps are required.

U. S. DEPARTMENT OF AGRICULTURE
Official Business

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U. S. DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY
Division of Cotton and Other
Fiber Crops and Diseases

1 .0625

2 .1250

3 .1875

4 .2500

5 .3125

6 .3750

7 .4375

8 .5000

9 .5625

10 .6250

11 .6875

12 .7500

13 .8125

14 .8750

15 .9375

16 1.0000

1947
10/15/47
UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

BUREAU OF PLANT INDUSTRY
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

	Plot #	Page
Hockley	- 401	- 0
Ganado	- 433	- 24
Anahuac	- 481	- 61
Alcif	- 500	- 80
Bay City	- 542	- 118

1947

S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
JAN	FEB	MAR	APR	MAY	JUNE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
JULY	AUG	SEP	OCT	NOV	DEC
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pounds is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seedling vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seedling vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests:
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7 (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly, at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

Hackley

401

1 7/12 7/26

55

Early Prolific

6

CI-5883

TS-19801

402

2. 7/10 7/22

53

B411A3-7-2,

33

8323 x Z

a very dry plot shorter than Z & EP
more uniform ht.

403

3 7/13 7/27

55

Zenith

10

CI-7787

404

4 7/11 7/23

48

Hill Medium

27

Grain

405

5 7/10 7/23

52

Magnolia

H

CI-8318

Badly damaged by birds

try to get seed for *Sauthard*

106

107

108

109

110

406

6

1st Fuel

7/15

7/27

5/

CL-250-121, (2) not too tall, looks very good

CO-BR x S-F shorter than Magnolia Very tall
negatively but shorter stem.

407

7

7/16

7/29

52

B4045 B44-8,

(26) Taller than TP/R-SBRs
at least as tall as magnolia & EP

R-SBR x BR4 looks very good. High yield.

408

8

7/14

7/27

56

Prelude

(14)

CI-8311

409

9

7/13

7/27

56

CL-253-9-2,

13

E-F x S-F

410

10

C4-II-1-8-1,

7/20

8/3

8/23

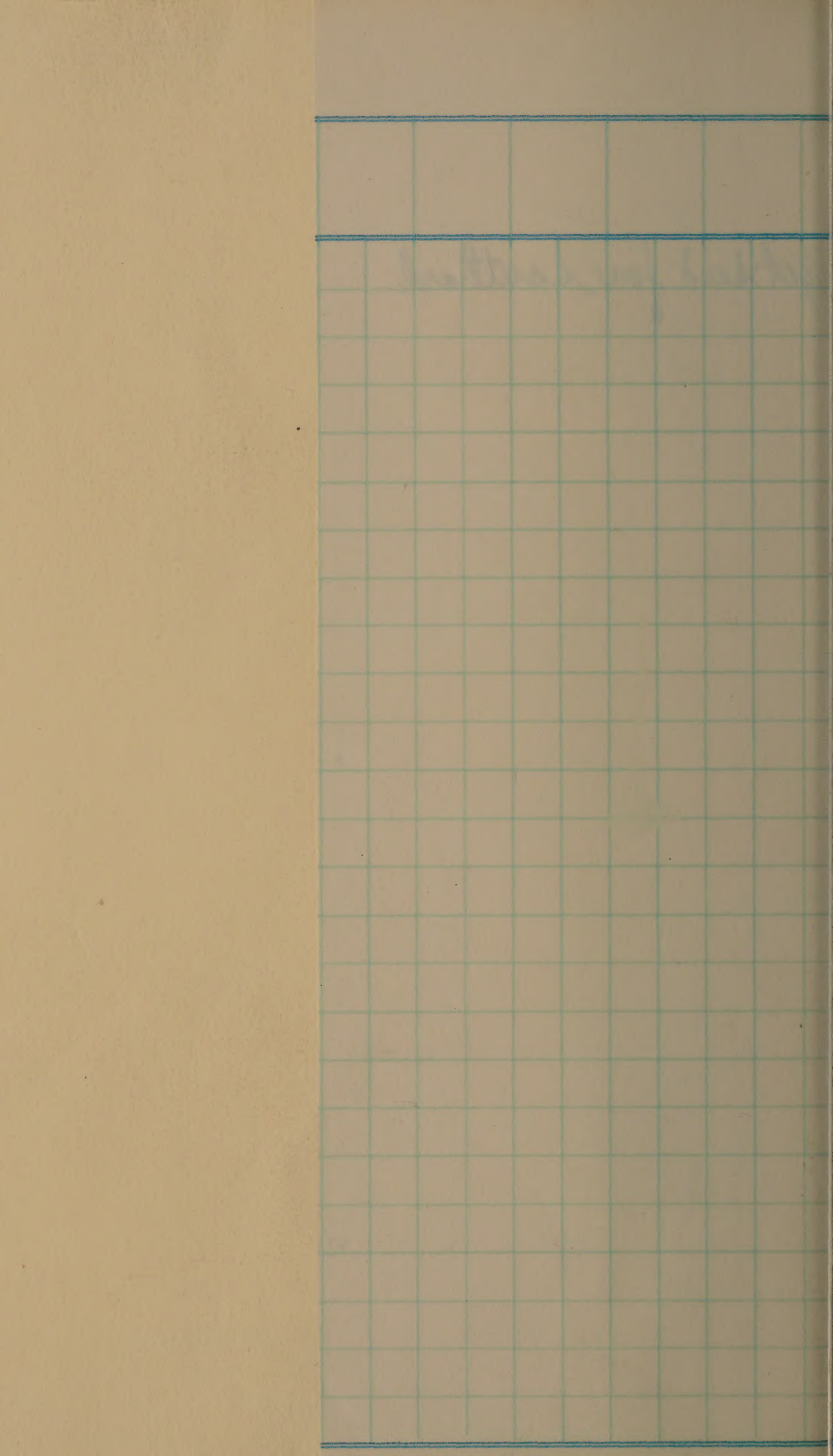
57

R x BR-R

53

few plants at end of plot lodging
with stem not present.

get seed for Southard



200

210

220

230

240

250
260
270

Full

411

11

Bluebonnet

50

7/28 8/6 8/25 53

CI-8322

standing O.K. on 8/27

TS-33104

a week earlier than Hills

412

12

7/12 7/25 8/15 44

B403/A1-3-3

earliest Pub. as early as EP

TPXR-SBR

standing perfectly on 8/27

413

13

7/20 8/1 8/18 47

B403/A1-1-4-5,

19 no lodging 8/27

TPXR-SBR

414

14

2 8/1

9/3 58

Hill ^{Long} Med. Grain

Hesding very irregular

uniform bit on 8/27 about 1 wk from ripe

standing O.K. looks heavy.

415

7/20 8/2

50

S41-10609,

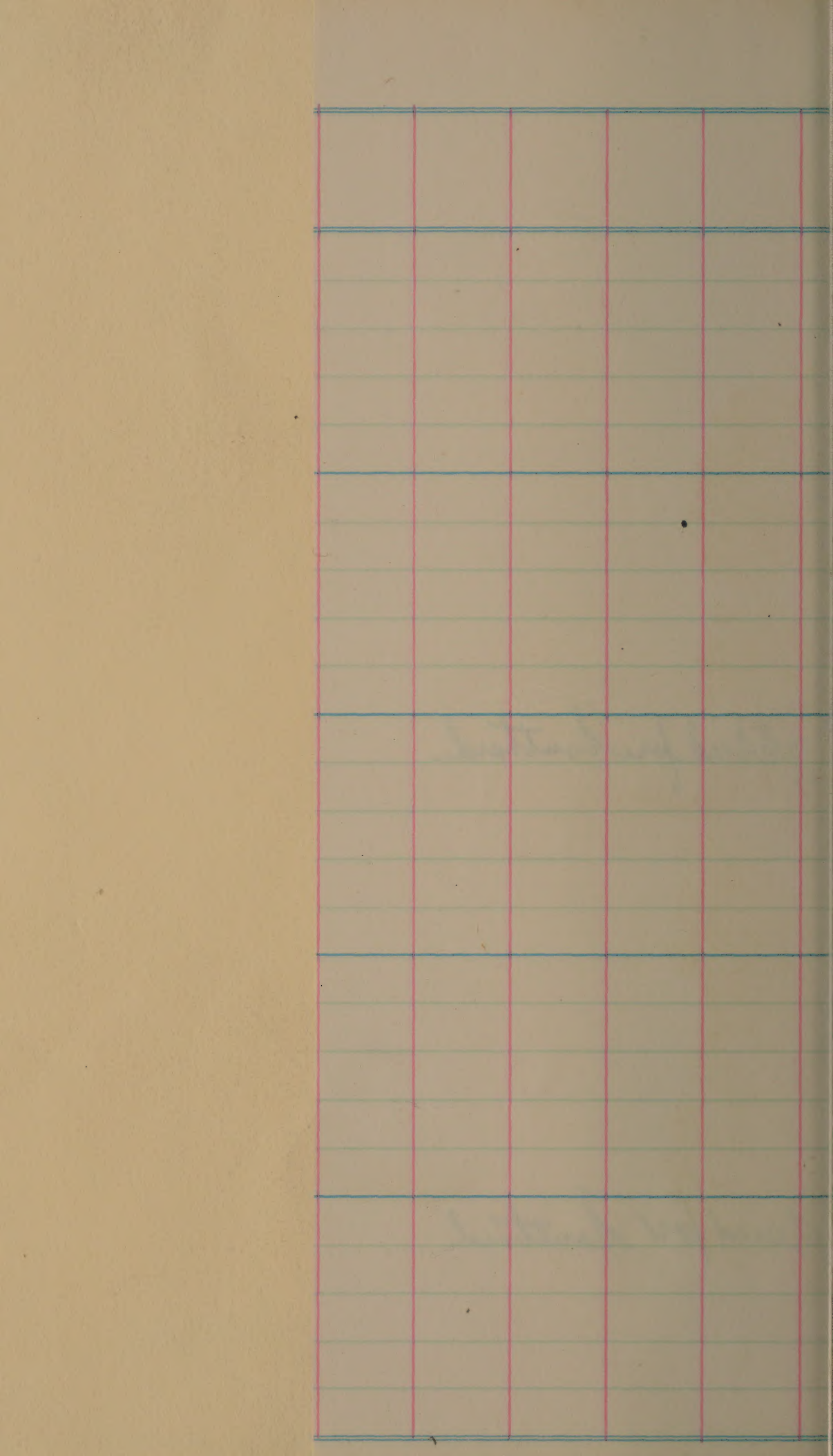
5 Bodily lodged 8/27

R x SBR

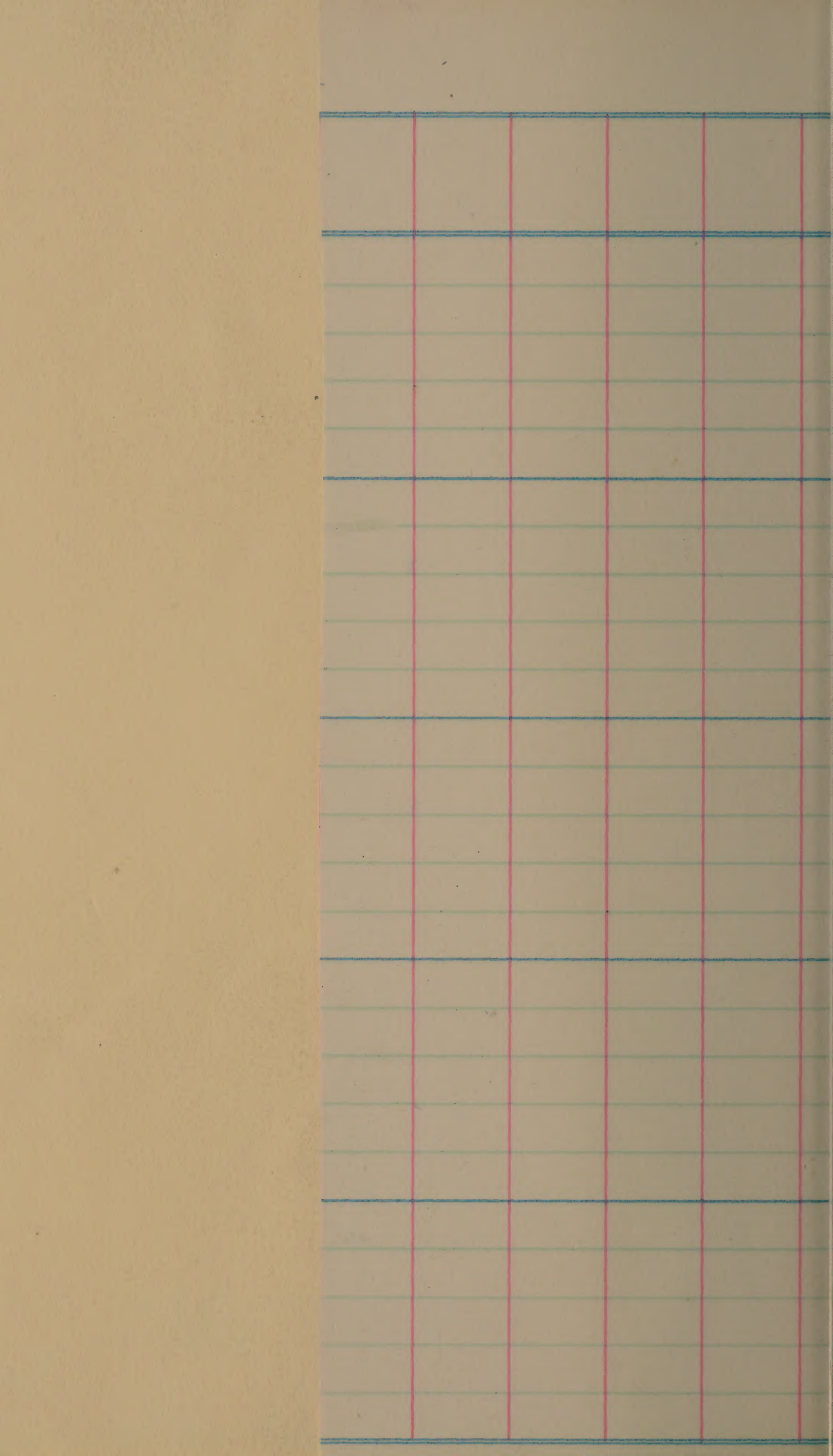
prob. due to SR.

get seed for Southard.

get seed for Southard



		1st	Full	HT
416	16	7/17	7/28	52
C5-157-6, CO-DXR		3 no signs of SR on 7/27 no lodging		
417	101	8/7	9/7 estimated	66
Nina CI-2702 TS-19926	40			
418	102	7/29	8/6	8/27 56
Fortuna	49			
419	103	8/1	8/29	53
B347B40-9, R x N	42	Very badly lodged, possibly due to stem rot		
420	104	8/3	9/2	52
B347B42-18, L x N	44	Badly lodged, possibly due to stem rot.		



1st Full

Hügle

421

105

8/6 8/26 53

B347B44-15,

R x N

321 Badly lodged, possibly
due to stem rot.

422

106

8/6

8/6 56
estimated

B322B44-5,

R x F

312 *via* maturity

423

107

7/25

8/4

8/25

58

Arkansas Fortuna

47

CI-8309

424

108

8/28

59"

Rexoro

78

CI-1779

TS-19941

425

109

8/28

Guidry

70

Co

S

R

Has very green vegetation

Pine

- | | | | |
|---------------------------|-----|--|--------|
| 426 | 110 | 8/24 | 67" |
| Delux
(Flavored) | 84 | | |
| 427 | 111 | 8/25 | 62" 67 |
| CI-8343
(Flavored) | 85 | very little glume discoloration | |
| 428 | 112 | 8/27 | 54" 56 |
| C3-18,
1/8 Rexona | 71 | Badly damaged by wind, glumes badly discolored | |
| 429 | 113 | 8/28 | 64" 63 |
| C4-II-1-24-1,
R x BR-R | 86 | very little glume discoloration due to wind | |
| 430 | 114 | 8/29 | 59" 61 |
| Texas Patna | 75 | Considerable glume discoloration due to storm | |

Co

R

Mod.

R.

R

S

Extremely tall, badly
lodged.

Badly diseased nodes
may be responsible for
lodging.

Is taller than 112, &
taller than T.P.

A good Rexoro type
as early as T. Paton

much too tall

much more leafy dry
than SPxP-7689.

High

431

115

9/1

56"

54"

B4033A4-18,

73

much different from T. P. Regit

TPX R-7689

432

116

8/29

56"

Hyb-Mix -

91

9-24-36

117

8/24

56"

C3-22

72

7/8 Rexoro

CO

Mod.

S or
Seg

Seg
R-S

Much greener vegetation
than T. Patna

Janado

433

1

B323A1-14, 176
R x SBR

434

2

B4033A4-38-1, 73 Is showing spreading
TP x R-7689 or drooping leaf character
on 8/29

435

3

C4-~~II~~-1-24-1, 86
R x BR-R

436

4

C3-22, 72
 $\frac{1}{8}$ Rexoro

437

5

Delrex 84
(Flavored)

Fairly tall $\frac{6}{18}$
good color, rather wide leaves $\frac{6}{18}$ V.G

quite tall, very good. $\frac{6}{18}$

Rather short $\frac{6}{18}$

Taller than Rex $\frac{6}{18}$

V. tall, wide leaves $\frac{6}{18}$

10

100

438 6
Guidry 72

439 101
Not Planted

440 102
Hyb. Mix - 9-44-36 91

441 103
Texas Patna 75

442 104
C3-10, 71
7/8 Rexoro

sl taller than Rex $\frac{6}{18}$

V. Poor stand Wide bones $\frac{6}{18}$ good.

Good, not as good as A4-38-1 on $\frac{6}{18}$

sl taller than T.P.V. good $\frac{6}{18}$

443

105

C.I.-8343

85

(Flavored)

444

106

Rexoro

78

CI-1779

TS-19941

445

7

starting to head on 8/29

B3412 B41-1,

~~178~~

CA x R

than TP type short day reactions

446

8

headed reasonably well

Asahi

109 not as much grain as Caloro

CI-8312

447

9

headed very well

Caloro

108

Considerable grain
are 9 but

CI-1561-1

TS-19799

Only a little taller than Rex $\frac{6}{18}$ good color

good color, short,

Tall on $\frac{6}{18}$ v. good

Shorter, wider leaves than Colors $\frac{6}{18}$

Fairly tall v dark color $\frac{6}{18}$

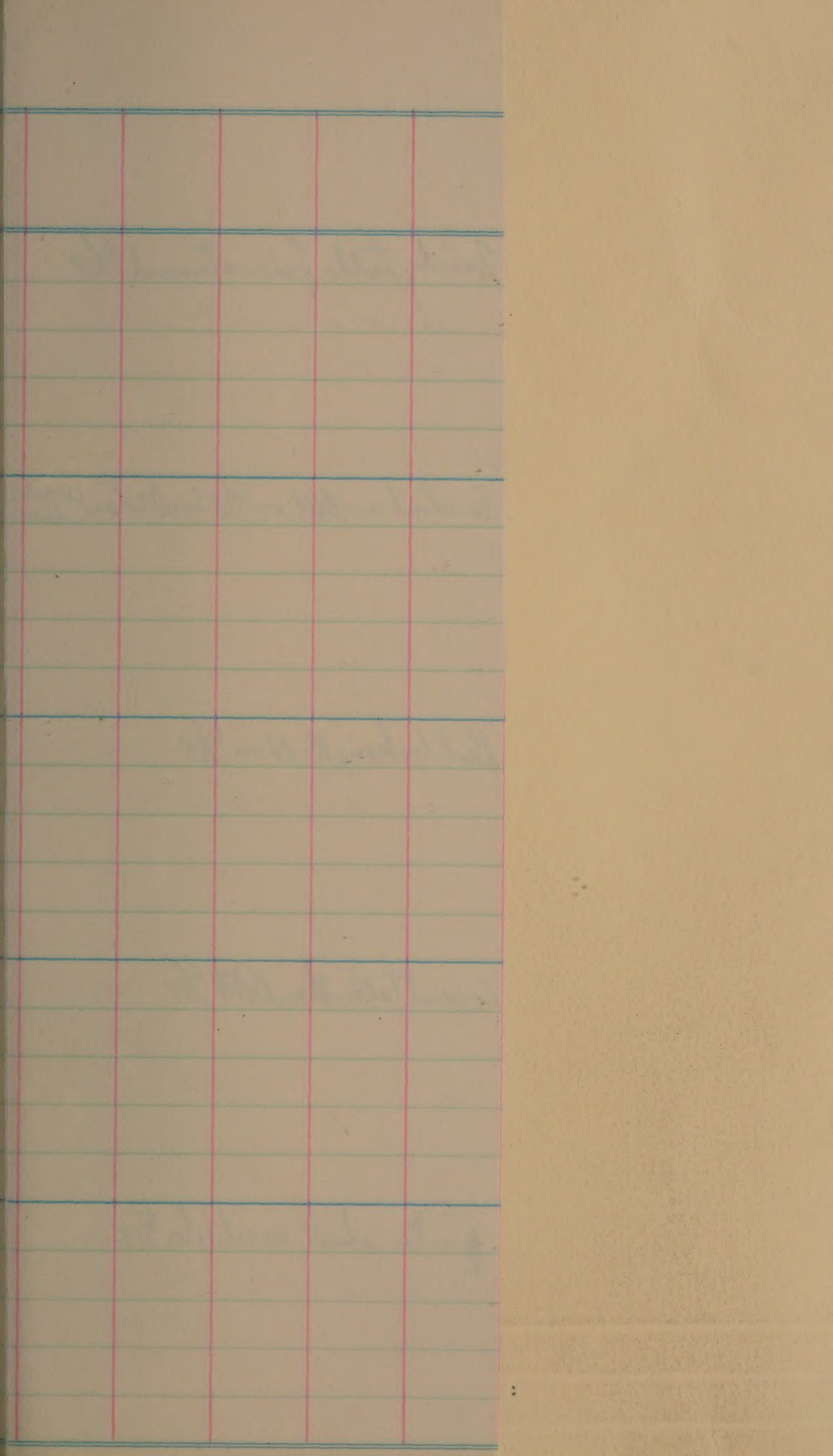
448 10 headed very well
 B4033A4-36-4, 330 considerable green
 TPxR-7689 due of heat

449 11
 B322B44-5, 312
 R x F

450 12 heading fairly well
 B347B42-10, 44 some green
 R x N

451 13 heading fairly well
 Fortune 49 almost completely sterile

452 14 headed fairly well
 Blue bonnet 50 small amount of green
 CI-8322
 TS-33104



Fairly tall fine stemmed 6/18

As shot as BBT on 6/18 Excl color ^{wide} leaves

Best looking R. Non 6/18

Consider taller than BBT 6/18

quite shot, excl color 6/18

453

Blue Rose

17-11-18

18-11-18

454

A-18-18-18

18-11-18

455

C-18-18-18

18-11-18

456

A-18-18-18

18-11-18

18-11-18

457

A-18-18-18

18-11-18

18-11-18

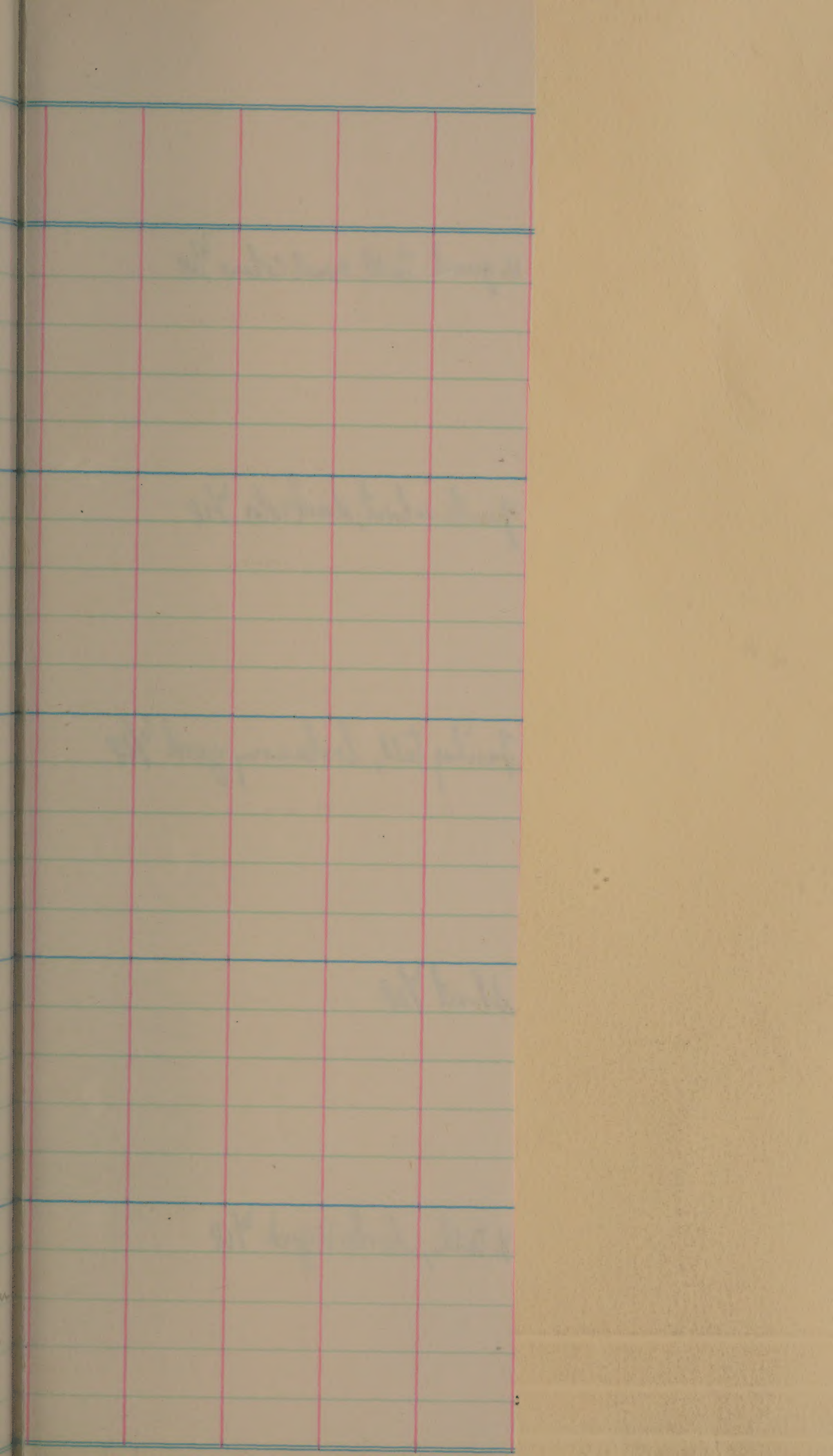
453 107 Very little heading
 Blue Rose 116 complete sterility
 CI-1962
 TS-7183

454 109 fair heading
 B 344/B41-2, 133 trace grain
 CA x K

455 109 headed very well
 Calady-40 110 considerable grain
 CI-7686

456 110 headed very well
 Acadia 107 considerable grain
 CI-1988
 TS-19882

457 111 headed exceptionally
 Ark. Fortuna 47 well, considerable grain
 CI-8309 aside from B4033A 4-30 is
 best in test



v. good, tall excel color $\frac{6}{18}$

quite short, dark color $\frac{6}{18}$

Fairly tall, looking very good $\frac{6}{18}$

short $\frac{6}{18}$

v. tall, looks v. good $\frac{6}{18}$

428

429

430

431

432

458 112 considerable heading
 B347B44-15, 321 complete stinkiness
 R x N

459 113 Very little heading
 B347B40-7, 42 trace grain
 R x N.

460 114 Practically no heading
 Nira 40 no grain
 CI-2702
 TS-19926

461 115 headed poorly
 C5-157-6, 3 complete stinkiness
 CO-D x R

462 116 headed very little
 S41-18609, 5 complete stinkiness
 R x SBR

more of the same appearance $\frac{6}{18}$ droopy leaves

Leaves more erect than B44-15 $\frac{6}{18}$ good

Taller than R-N sub droop to leaves $\frac{6}{18}$

no better than other on $\frac{4}{18}$

only fair $\frac{6}{18}$

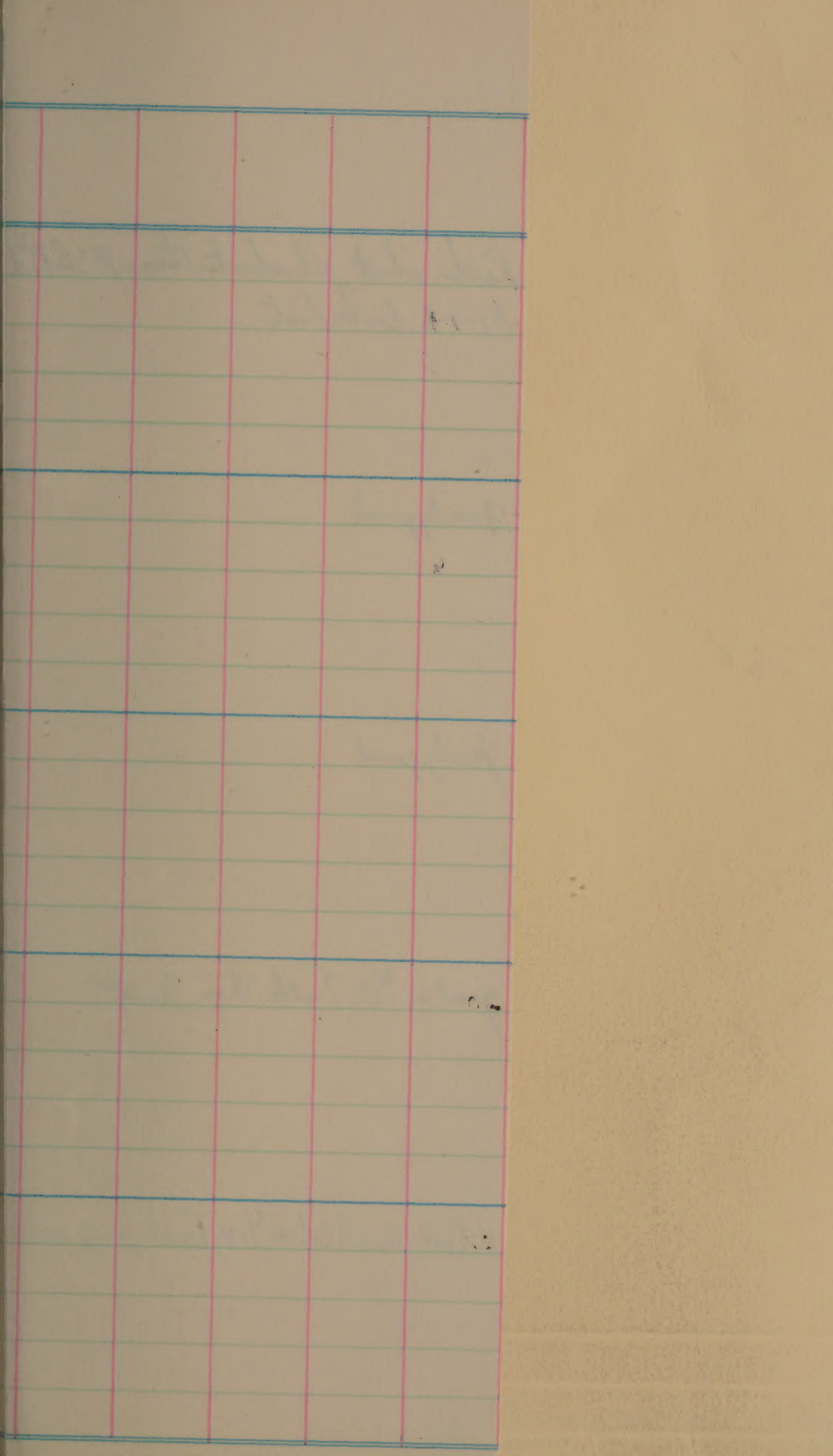
463 17 headed out rather poorly
 B463/A1-1-4.5, 19 completely sterile
 TP x R-SBR

464 18 Headed out very well
 Early Prolific 6 almost completely sterile
 CI-5883
 TS-19901

465 19 headed out only fair
 Zenith 10 completely sterile
 CI-7787

466 20 headed out very well
 B404A1-29-4 9 almost completely sterile
 BR41 x EP

467 21
 C6-250-121, 7 frequent girdling plot
 C6-BR x S-F very little straight head,
 outstanding for straight head
 resistance



Rather short, sl shorter than R-SBR⁶
A1-1-3 looks best

Fairly good

Fairly good

good on ⁶/₁₈, Taller than Zentith

V. Tall, Excl color, ⁶/₁₈, Best for grass

22

400

Pencil

CT-1001

23

400

Cody

CT-1002

24

450

Will Medium

C-1003

25

470

Not Pencil

26

470

Will Medium

C-1004

468

22

Prelude 14 headed out O.K.
 CI-8311 Considerable grain on 9 beat,

469

23

Cody 16 headed out very well.
 CI-8342 some grain produced.

470

24

Hill Medium 27 headed out very well
 Grain completely sterile.

471

115

Not Planted

472

116

8/30

Hill Long Grain

2 Taller than 473, more
 sterility
 fairly good heading
 some grain

In early group
C6-250-121 is best
Prelude 2nd
B403/A1-1-3 3rd.
Hill & several others 4th

Tall $\frac{6}{18}$, good

V. Tall $\frac{6}{18}$

Very short $\frac{6}{18}$ Too short for grassy land

V

One of tallest on $\frac{6}{18}$ V. good

Ripe

473

117

8/22

B403/A1-1-3,

TP x R-SBR

150 Rather uniform bit, less
straight head than any other seed,
very good heading
considerable grain, but of longish shape

474

118

B403/A1-3-3,

TP x R-SBR

very little heading
1 completely sterile

475

119

B411/A3-7-2,

8323 x 2

fairly good heading
330 small amount of grain

476

120

B4045 B44-8,

R-SBR x BR41

same heading
26 almost completely sterile

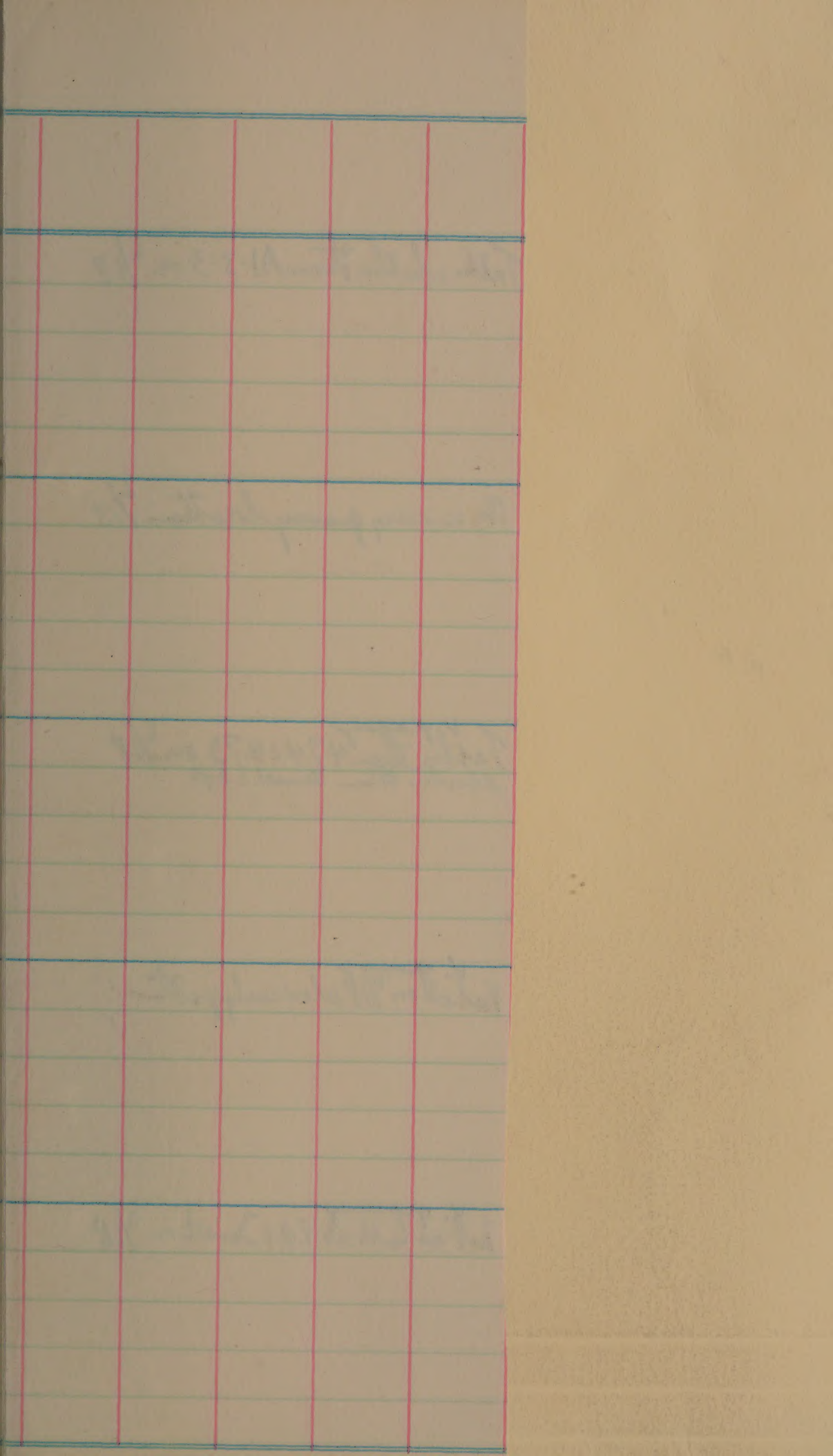
477

121

Magnolia
~~D-70-4~~

CI-8318

11 completely sterile
some heading



Taller & better than A1-3-3 on 6/18

On a very grassy location 6/18

^{v. grassy}
Taller than 474 & 473 on 6/18
Shorter than Zenith & EP

^{v. grassy}
Short on 6/18 slow early growth

^{v. grassy}
Not as tall as EP & Zenith on 6/18

478

122

completely sterile

C4-253-9-2,

13

headed very well

E-F x S-F

479

123

Edith

139 failed to head

480

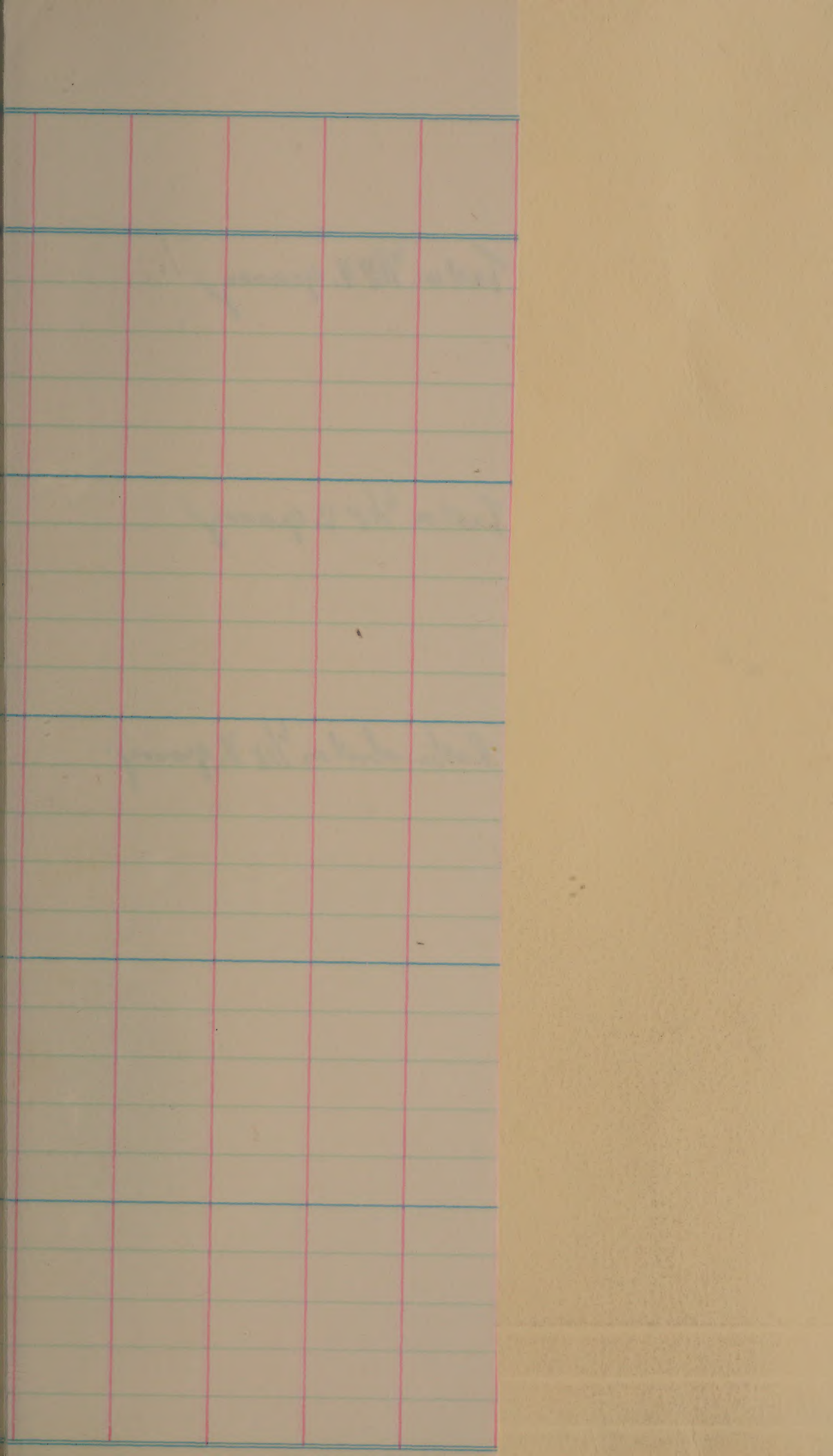
124

Colusa

CI-1600

TS-19798

17 headed very well but
almost completely sterile



Tall on $\frac{6}{18}$ V. grassy

Tall on $\frac{4}{18}$ V. grassy

Rather short on $\frac{6}{18}$ V. grassy.

Anahuac

High

481

1

9/6 45"

Early Prologis

6 poor stand, only fair.

CI-5883

TS-19861

482

2

9/4 44"

Zenith

10 v. good,

CI-7787

483

3

9/2 43"

B411A3-7-2

33 v. short straw + v. long,

8323 x Z shorter than any thing except
Cody's Birdseed, etc.

484

4

9/7 45"

B404A1-29-4,

9 v. heavy

BR41 x EP

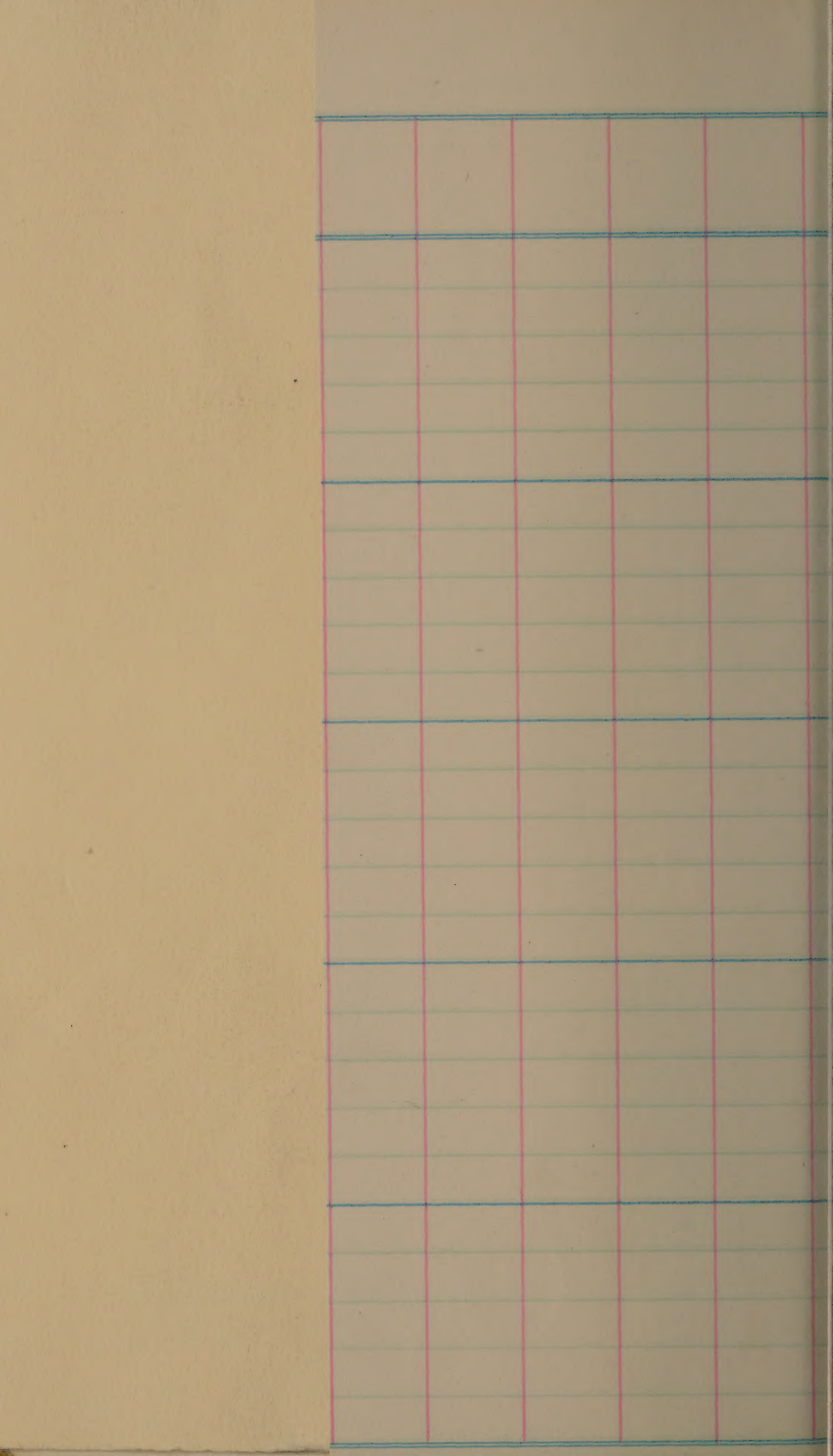
485

5

9/5 46"

Magnolia

11 Only fair, sl shorter
CI-8318 than BR41-EP sel, not as long
or as uniform.



Ripe High

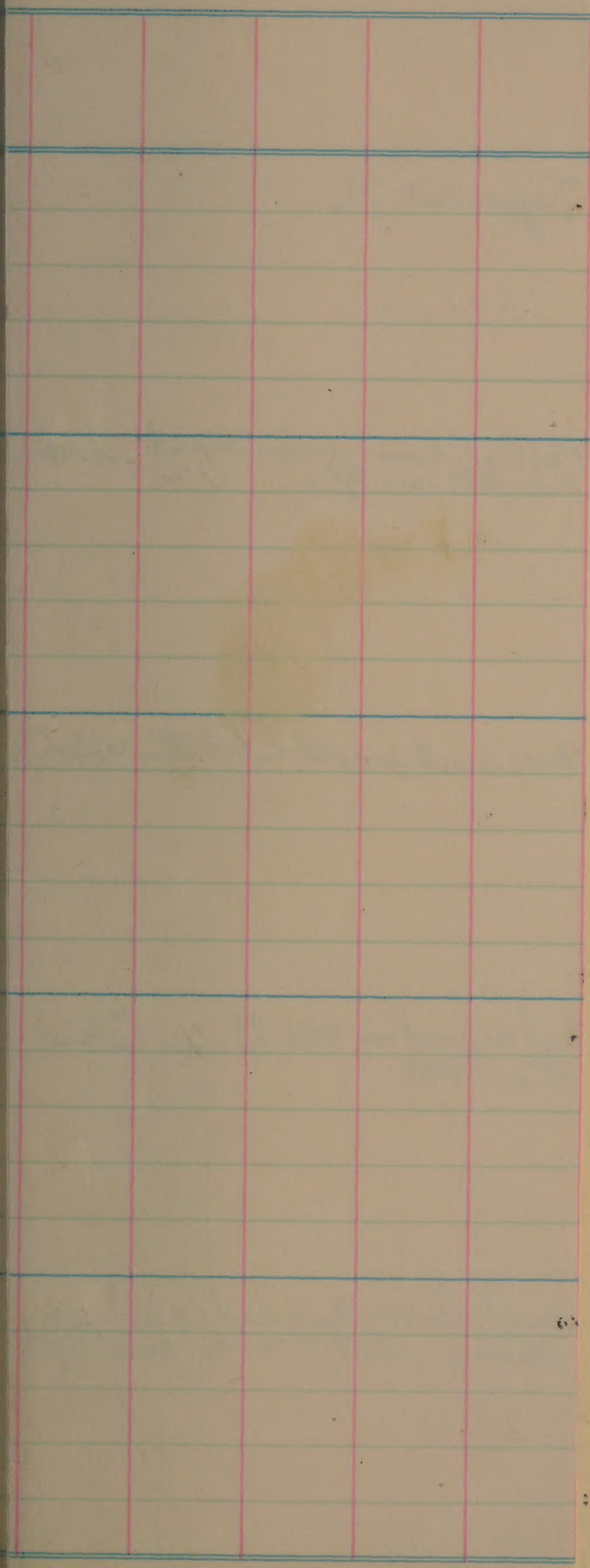
486 6 9/11 48"
 C4-250-121, 7 looks very good but
 C0-BR x S-F later than Magnolia, uniform

487 7 9/12 50"
 B4045 B44-8, 26 Too tall but very uniform
 R-SBR x BR41 and very heavy.

488 8 9/12 50"
 B4045 B44-3, 25 Possibly seg. for maturity
 R-SBR x BR41 v. good strain (sturdy) reasonably
 short. Has promise
 seg. maturity?

489 9 9/7 44"
 Hill Medium 27
 Grain

490 10 9/5 45"
 Hill Selection 28 looks very good leaves
 drop like Hill Long, fairly heavy looking
 short straw like Hill Med. looks better
 than Hill Med.



Typical 7/16

Taller, leaves semi erect, looks
like BK on 7/16

More erect growth habit than 487 on 7/16

Not as good as 490 thinner stand
than 490

Rough leaves and best in test for
storing, short & dense growth July 16

High

491

11

9/4 40"

Cody

16

CI-8342

492

12

9/6 50"

S41-18609,

5 as tall as A1-1-4-5

Rx SBR possibly a little heavier yield
same maturity as A1-1-4-5,

493

13

9/9 43"

- B403/A1-3-3,

1 about same ht as 495

TPxR-SBR sturdier straw, almost as early.

494

14

9/14 50"

B403/A1-1-4-5

19 Tally than others but shorter

TPxR-SBR than BBT. quite uniform, headed

495

15

9/6 43"

B403/A1-1-3,

150V. short straw, earliest

TPxR-SBR long sh. sel. v. uniform - ht looks
very good.

By far best looking on July 16 of
492 - 496. Taller semi erect leaf
habit, light green color. Best
for staking

Very dark green color short veg

Tallest, lightest green color leafiest
on July 16

Between 493 & 494 as to appearance
on July 16

EX. K. BK.

High

496

16

9/3

62"

Hill Long

2 Teller than BBT,

Growth irregular maturity and later
maturing than BBT. Some buds are
sl. earlier than earliest BBT seeds.

497

17.

9/15 57"

Bluebonnet

CI-8322

TS-33104

50 V. good sl. shorter than
Ark Fortuna

498

18

9/12 62"

Arkansas

Early Fortuna

47 Possibly 2 days earlier
than BBT,

499

19

9/10 55"

Prelude

CI-8311

14 Several days earlier
than BBT, not like 9/1

Taller than B&T wide leaves erect
growth, taller than TP&K S&K lines $2\frac{1}{2}$ 15

Thinner stand than Fort. shorter
growth, standing freely, July 16

V. good, one of tallest in test July 16

Very similar to Ark Fort July 16, al. shorter

77

grass removed from plots
 Aleif early in June, except plots 113-12

500 1 $\frac{9}{2}$
 Guidry 70

501 2 $\frac{8}{29}$
 Delrex 84
 (Flavored)

502 3 $\frac{8}{31}$
 C3-22, 72
 $\frac{7}{8}$ Rexoro

503 4 $\frac{8}{27}$ $\frac{9}{5}$
 C4-II-1-24-1, 86
 2x BR-R

504 5 $\frac{8}{29}$ $\frac{9}{5}$
 B4033A4-38-1, 73 Hay lost on 8/27, very leafy
 TPxR-7689 on 8/27 semi spreading habit

v. thin stand

wide leaves, good growth

Stooling very well 6/18

505

L

8/26 9/4

B323A2-14, 176

R x SBR

506

801

9/6

Lexoro

78

507

102

9/5

C.I. 8343

85

(Flavored)

508

103

9/4

C3-10,

72

7/8 Lexoro

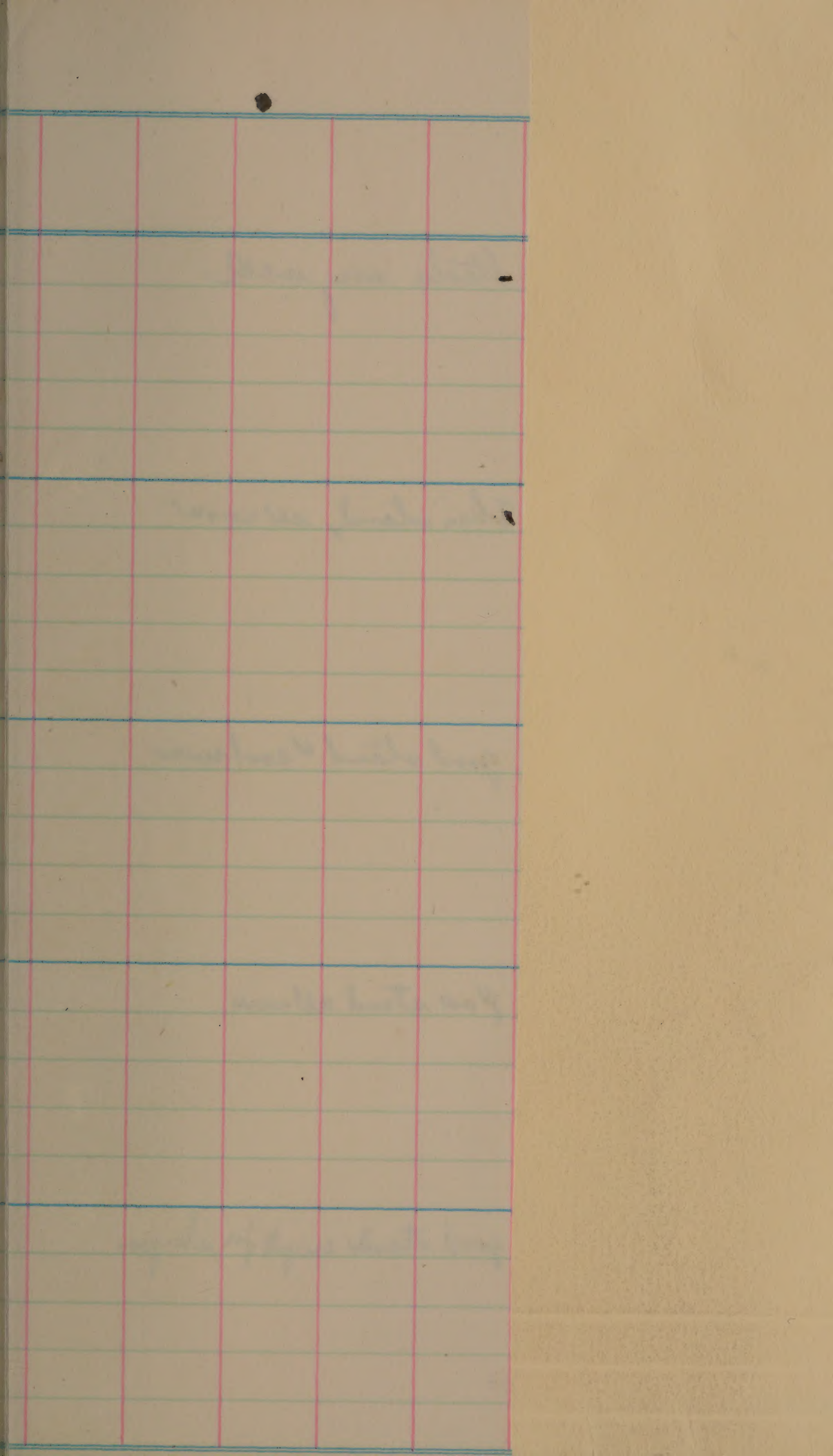
509

104

9/5

Texas Patna

75



Stools very well.

Thin stand, all rows

good stand 4 columns

Poor stand all rows

good stand except for skips

510

105

9/5

Hyb. Mix-9-44-36 91

511

106

B44-5067,
CAxR (3 rows)

In heavy coat Aug 5.

512

107

9/26

63

Nira

40

CI-2702

TS-19926

513

8 - 50

8/19

55

Bluebonnet Irregular lit.

CI-8322

TS-33164

514

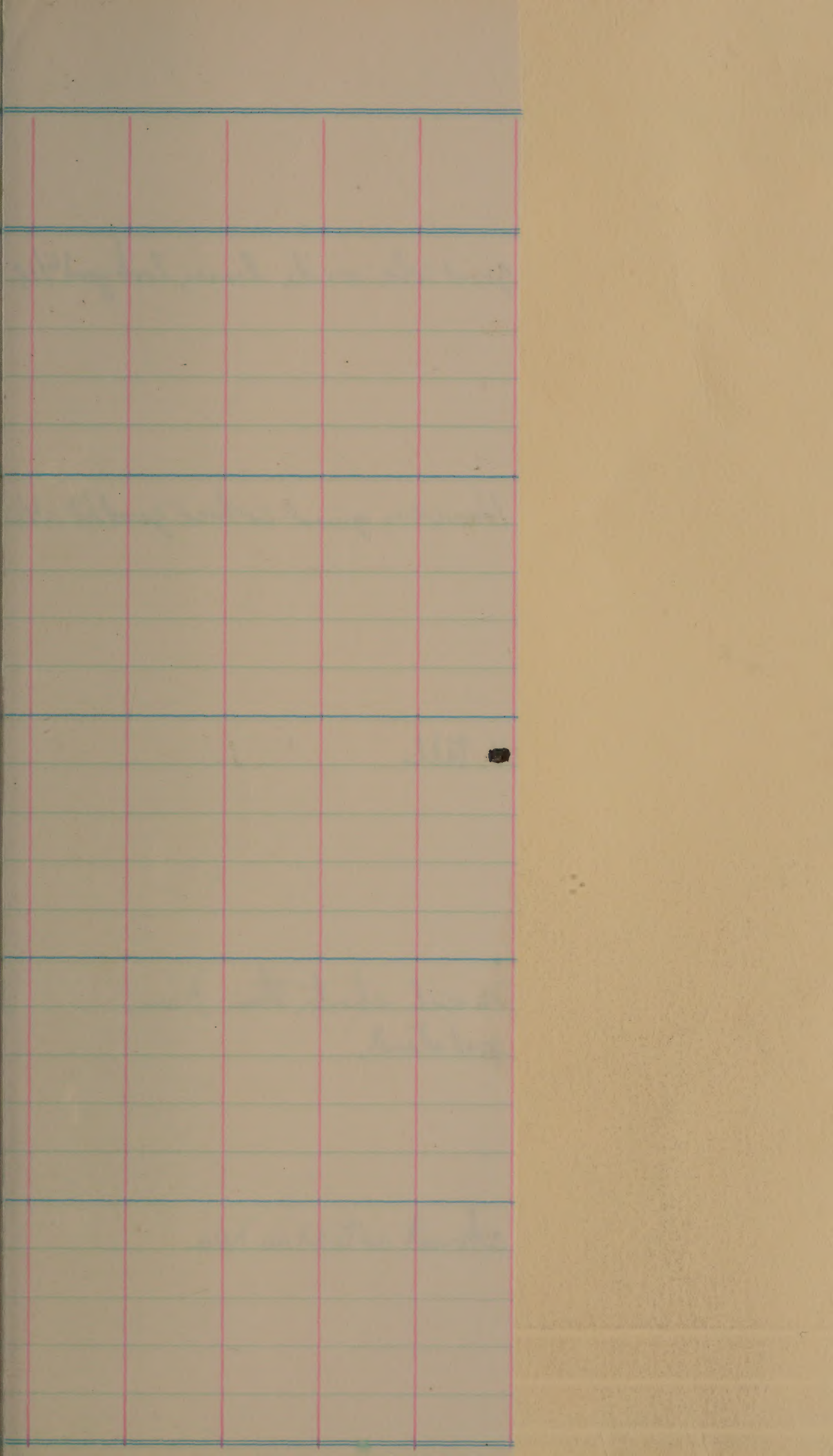
9 44

8/24

54

B347B42-10.

R x N



good color, wide leaves, look good 6/18

Has very good color good hit 2 1/2

v. tall

Much shorter than Nina
good stand,

almost as tall as Nina

515

10-312

8/29

B322B44-5,

R x F

516

11-330

8/18

52

B4033A4-30-4, Beginning to ripen 8/27
 TPxL-7689 all irregular lit, looks very
 good & v. heavy.

517

12-116

8/27

57

Blue Rose

CI-1962

TS-7183

518

107-49

8/25 9/9

59

Fortuna

519

108-42

8/24

55

B347B46-9,

R x N

Several days later than 520

Wider leaf than BB. Tilling
very well, very little taller than
BB in June 18.

June stemmed, fairly tall on June 18

Tilling very well.

Poor stand

520

109-321

8/21

52

B347B44-15, Very uniform ht + maturity
 R x N shorter straw than other R x N's
 more uniform ht

521

110-47

8/18

9/4

58

Ark. Fortuna

CI-8309

522

111

179

9/4

B341B41-1,

CA x R

523

112

—

Not Planted

524

13

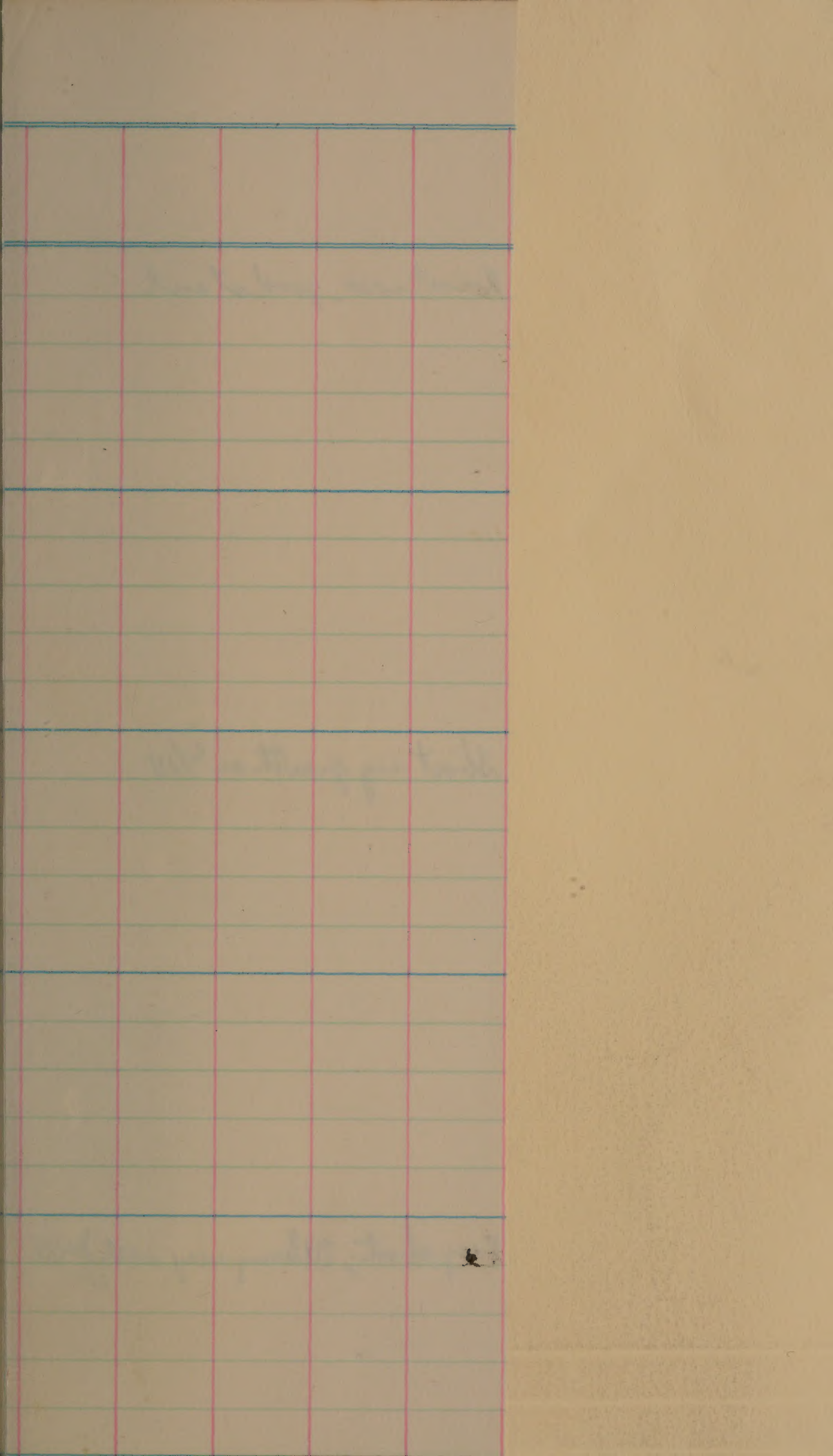
~~27~~

7/29

8/29

45

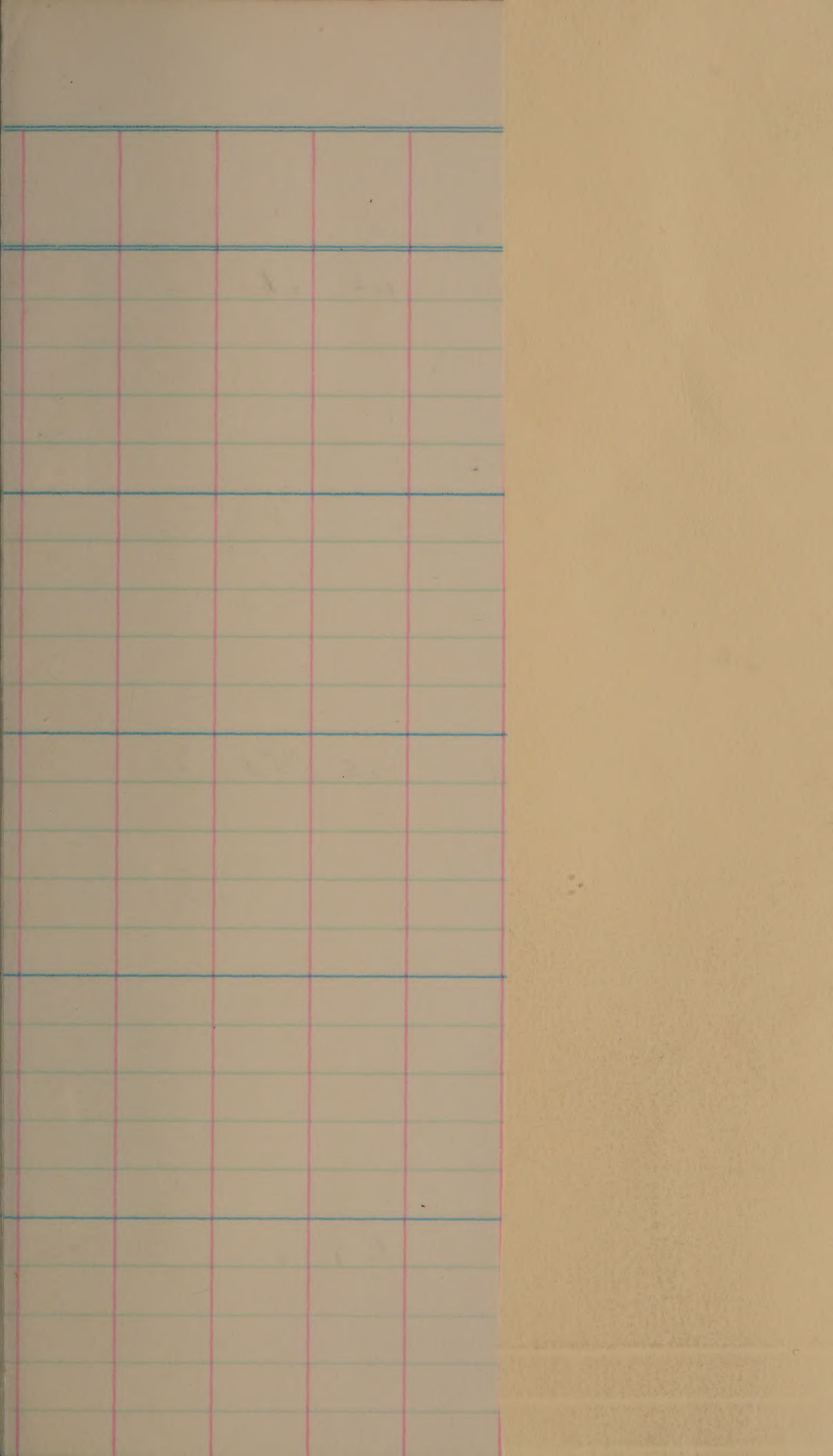
Hill Mod. Grain

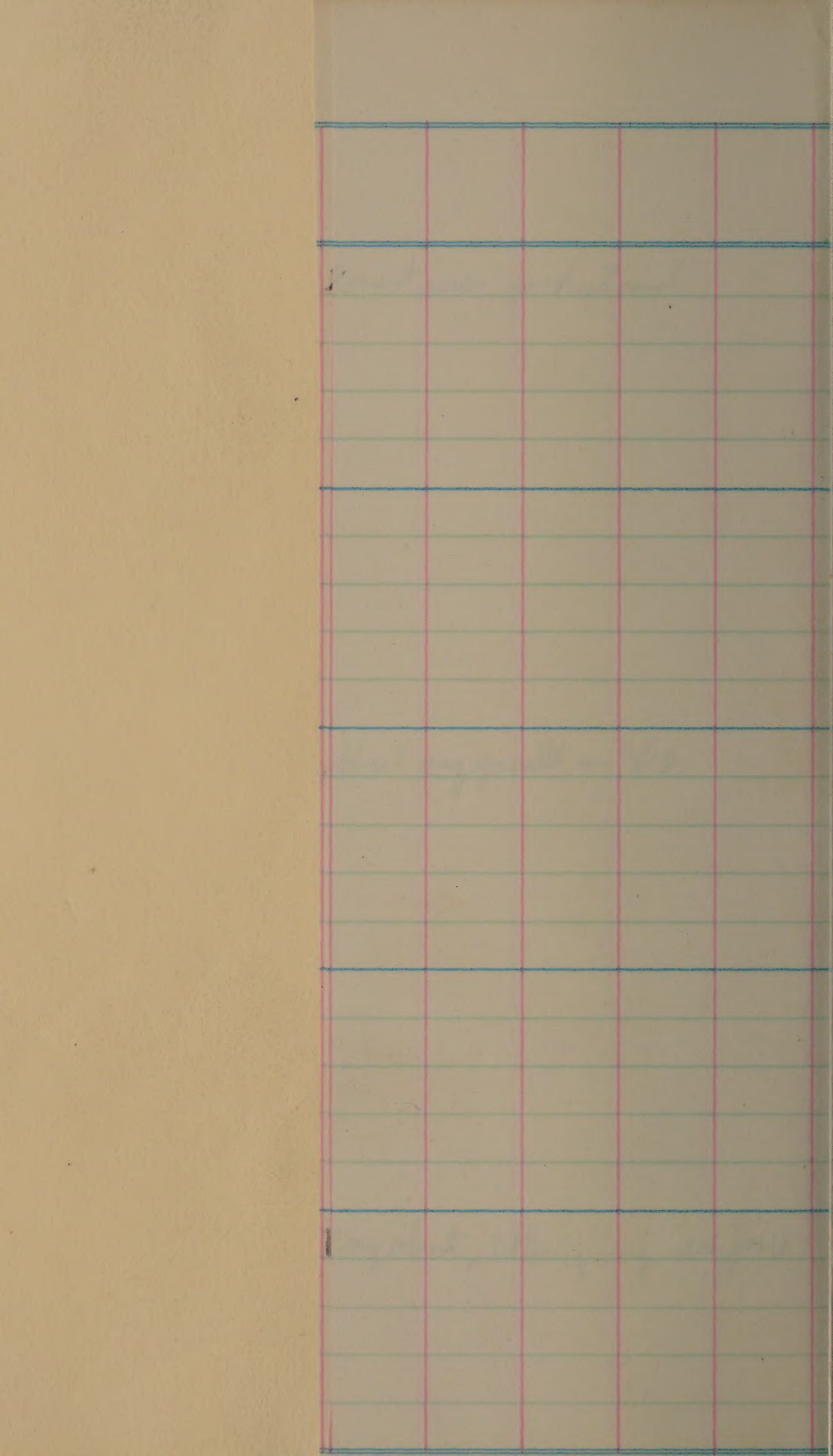


2nd row, good stand

Short my growth on 6/18

Very short, tillering very well June 18





free

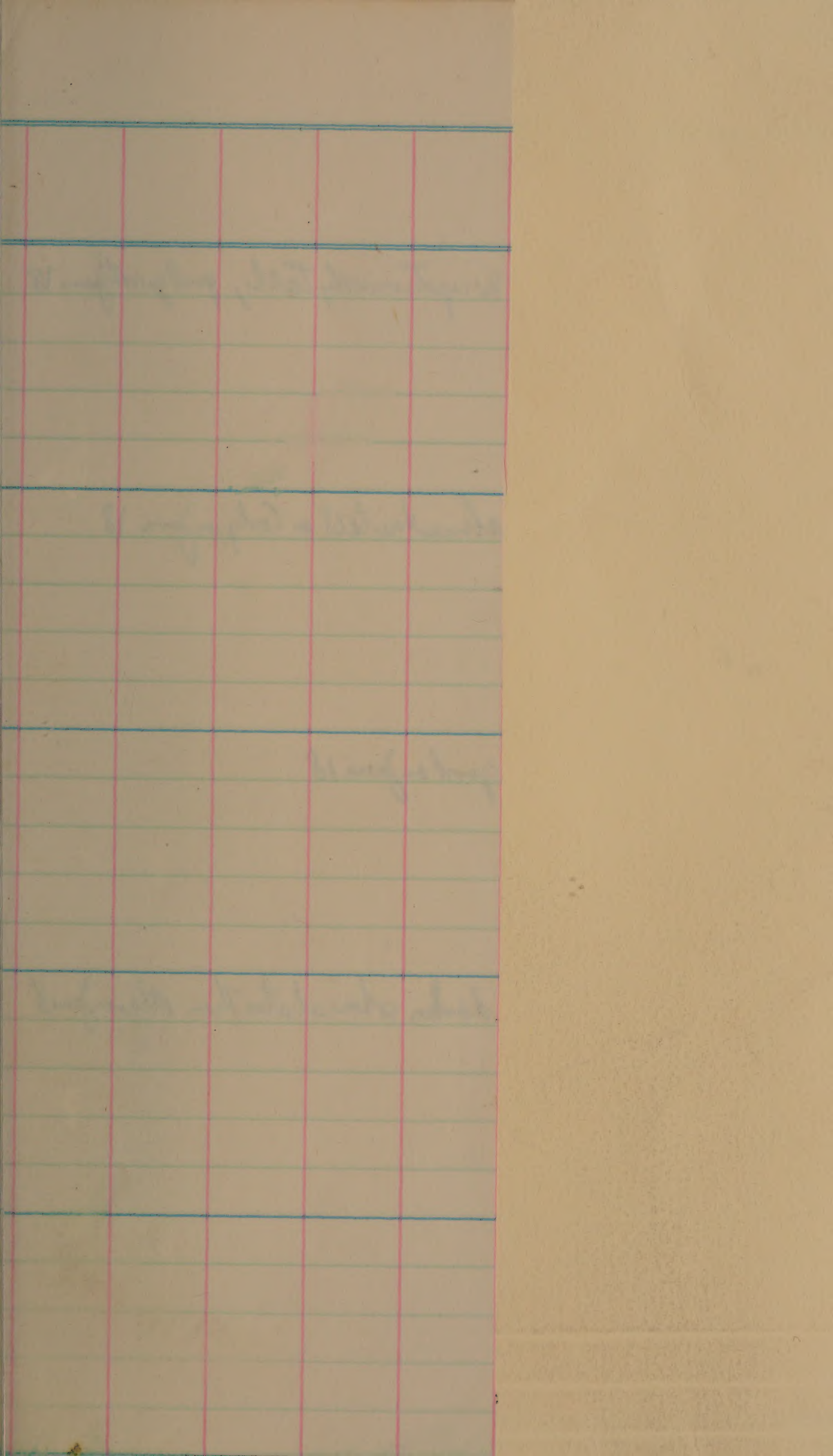
525 14 7/19 8/2
 Cody 16
 CI-8342

526 15 7/26 8/7 8/26 55
 C6-253-9-2, 13 considerable lodging
 E-F x S-F on 8/27, Irregular lit. too tall

527 16 9/25 8/7 9/27 48
 " 11
 Magnolia considerable sterility, Irregular lit.
 CI-8318

528 17 8/1 9/4 54
 26
 B4045 B44-8, Irregular heading + lit.
 R-SBR x BR41 Very heavy yield

529 18 7/29 8/6 9/28 46
 33
 B411A3-7-2,
 8323 x Z



Exceptionally tall, good growth June 18

almost as tall as Cody on June 18

good on June 18

dark color shorter than others on June 18

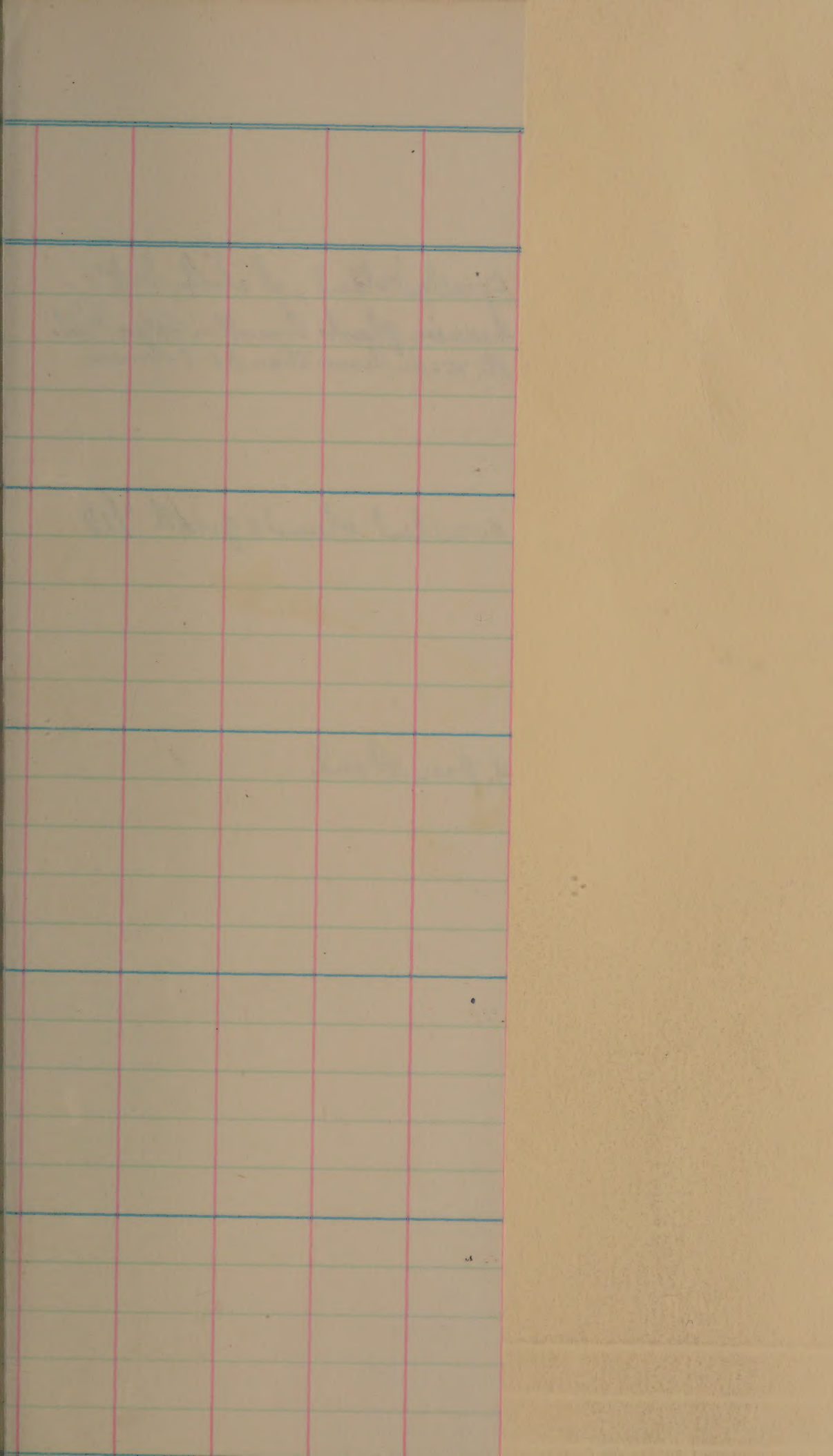
530 19 7/28 — 9/1 42
 B403/A1-3-3, ¹ outstandingly uniform ht. & heading
 TP x R-7689 like Hill med
 some white tip 8/5
 very uniform ht.

531 20 8/8 8/20 9/9 50
 5
 S41-10609,
 R x SBR

532 21 8/6 — 9/6 55
 2
 Hill Long Very broad leaves, quite
 Grain noticeable
 Prob. about 3 days earlier than R-SBR

533 113 7/16 7/31
 17
 Colusa
 CI-1600
 TS-19798

534 114 8/6 9/9 51
 14
 Prelude
 CI-8311



Excellent stand, sl. shorter but
heavier plants than R-56 on 6/18
sl. wider leaves than A1-1 lines

Excellent stand & growth 7/18

V. poor stand

535

115

7/24 8/3 8/31 45

C6-250-121,

Then stand, has very high hds
C6-BR x SF leaning on 8/27 + not ripe looks
very good

536

116

9

7/29 8/6 9/2 ✓ 47

B404A1-20-4,

BR41 x EP

537

117

10

7/28 — 9/1 45

Zenith

CI-7787

538

118

6

8/1 — 9/3 48

Early Prodigic

CI-5883

TS-19801

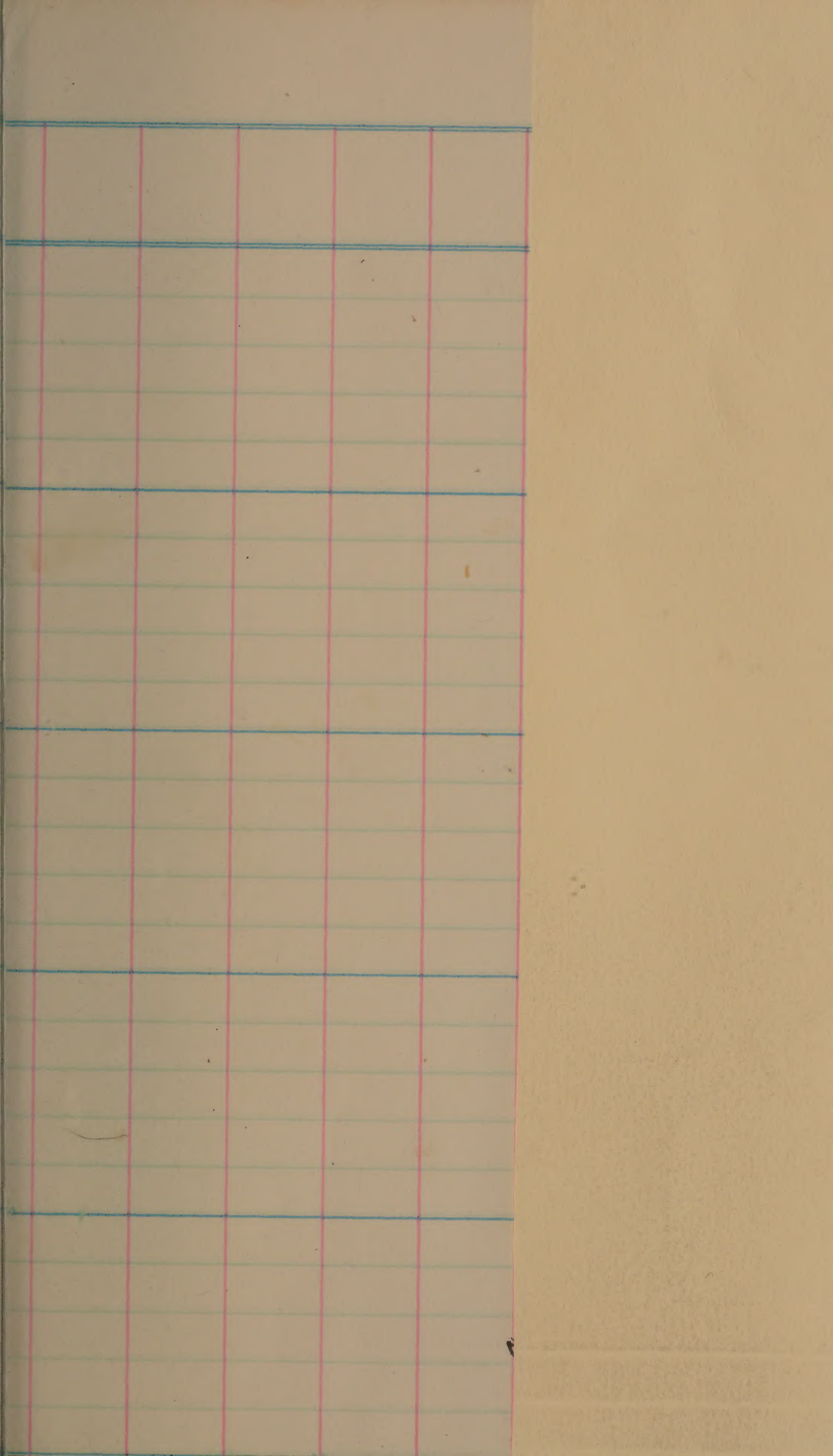
539

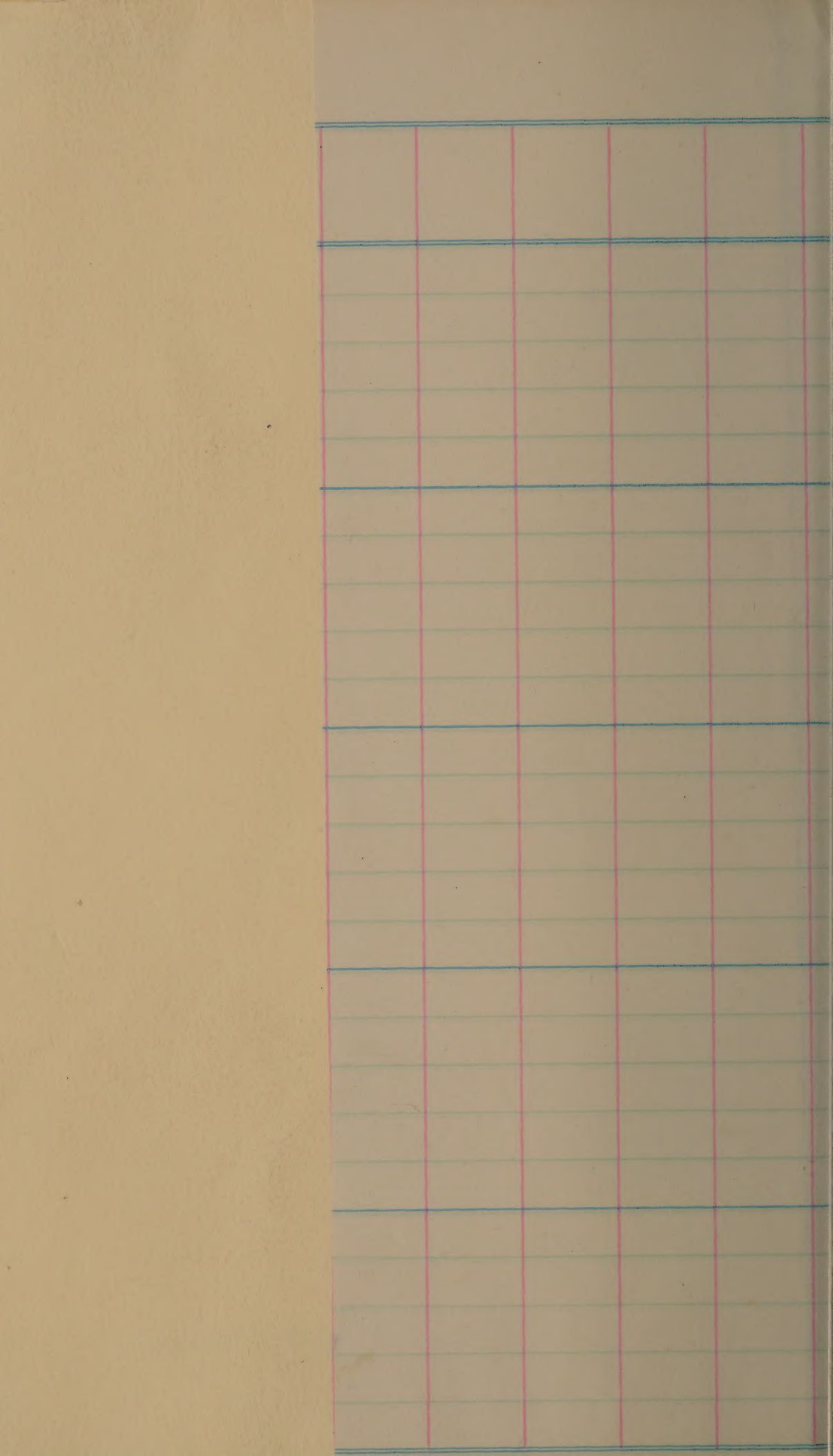
119

19

8/7 8/8 49

B4031A1-1-~~4~~52 in boot 8/5 shorter g. type+ P x R - ~~5-PR~~ 5-PR 2s developing some straight head
on 8/29, much taller than A1-1-3 + A1-3

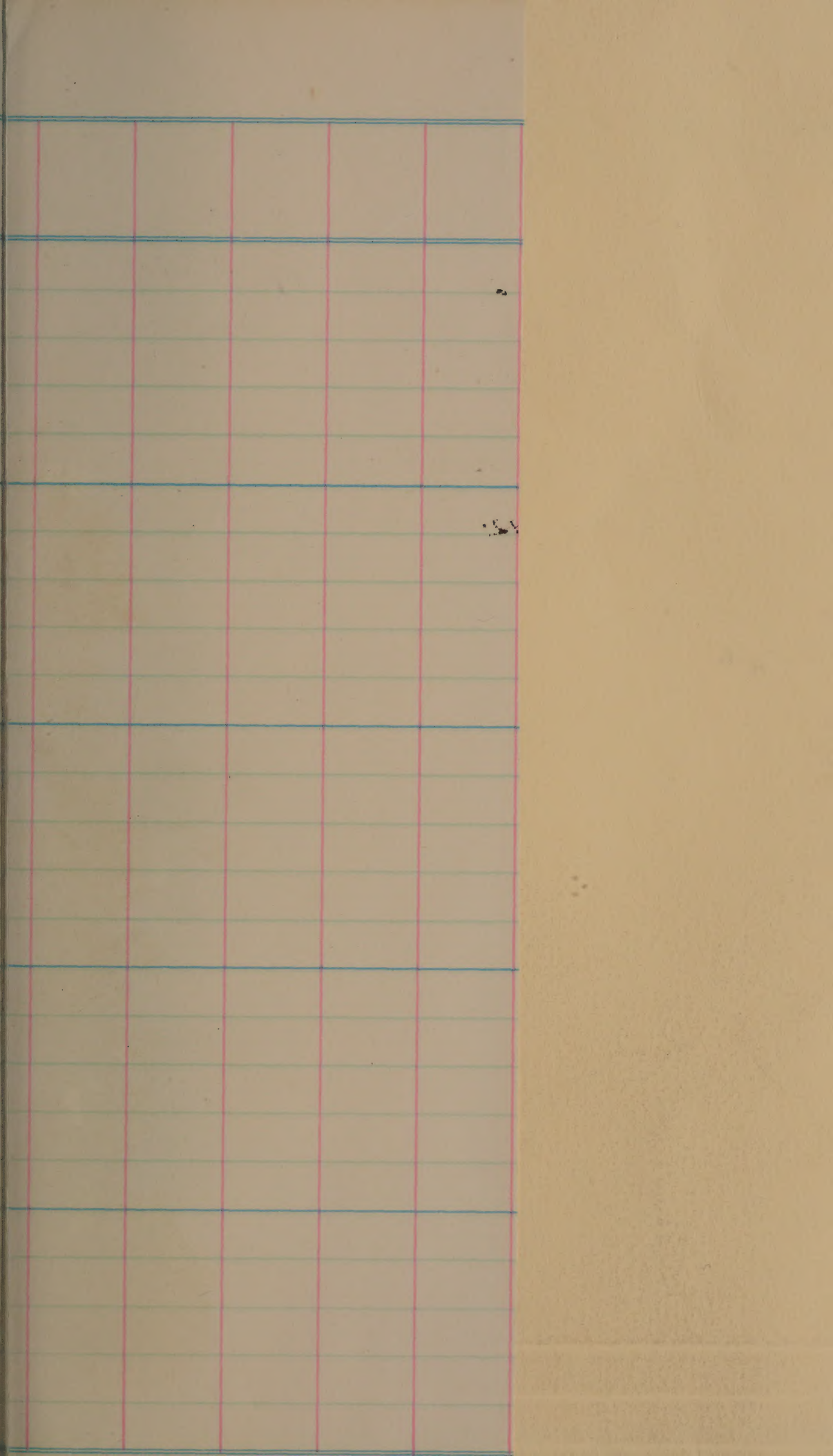


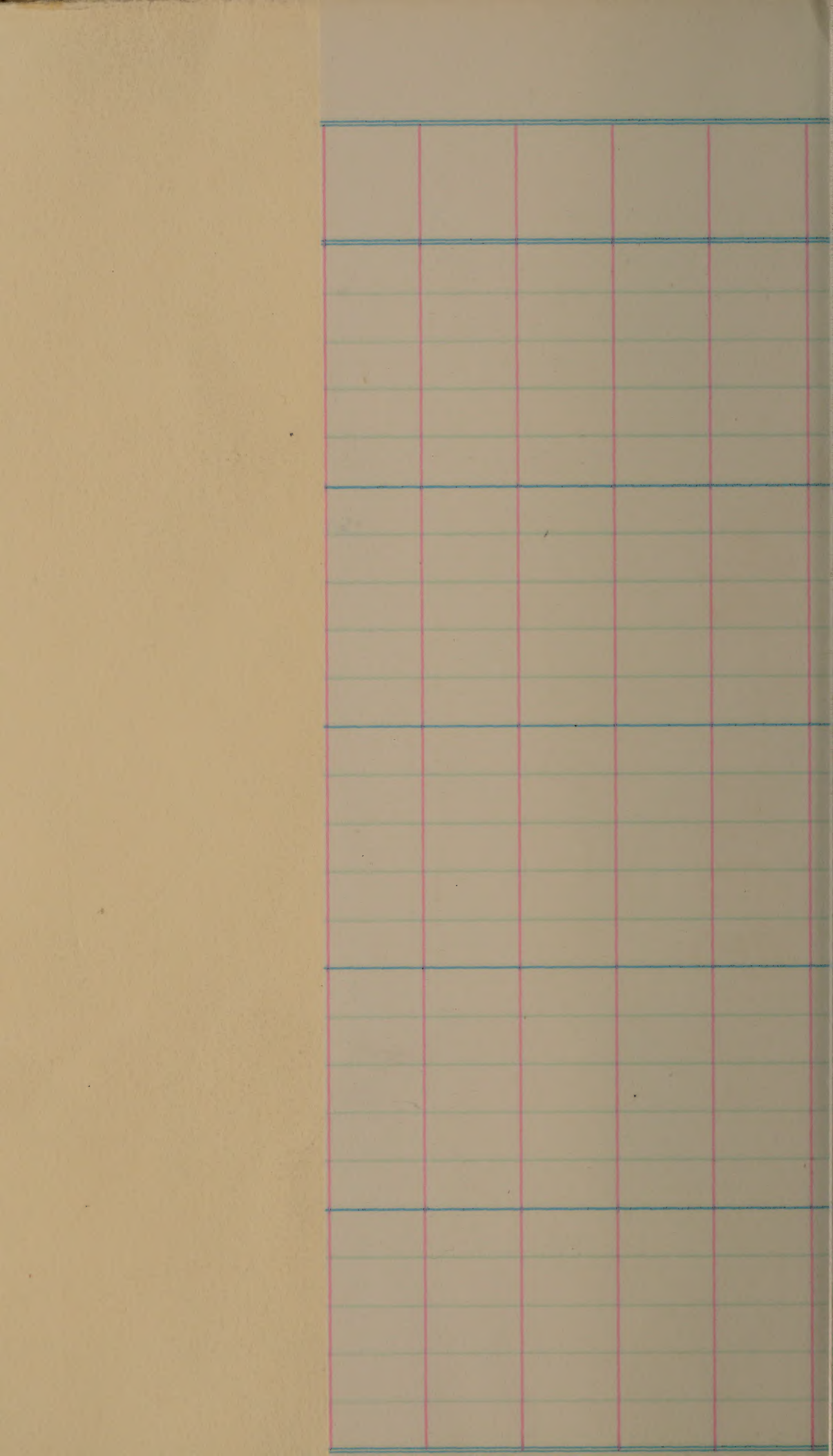


1000
1000

540 120 7/28 8/7 8/29 45
 B403/A1-1-3 ¹⁵⁰ as taken + several days earlier
 TPxR ~~7689~~ ^{SPP} then A1-3-3
 Looks outstending on 9/4

541 121 8/5 9/1 52
 3
 C5-157-6,
 Co.-DxR





Bay City

542

1 27

8/12 8/26

Hill Med. Grain 15

543

2 16

8/20

Cody 17

CI-8342

544

3 7

8/8 8/25

C6-250-121, 14

C0-BR x S-F

545

4 11

8/7 8/24

Magnolia 14

CI8318

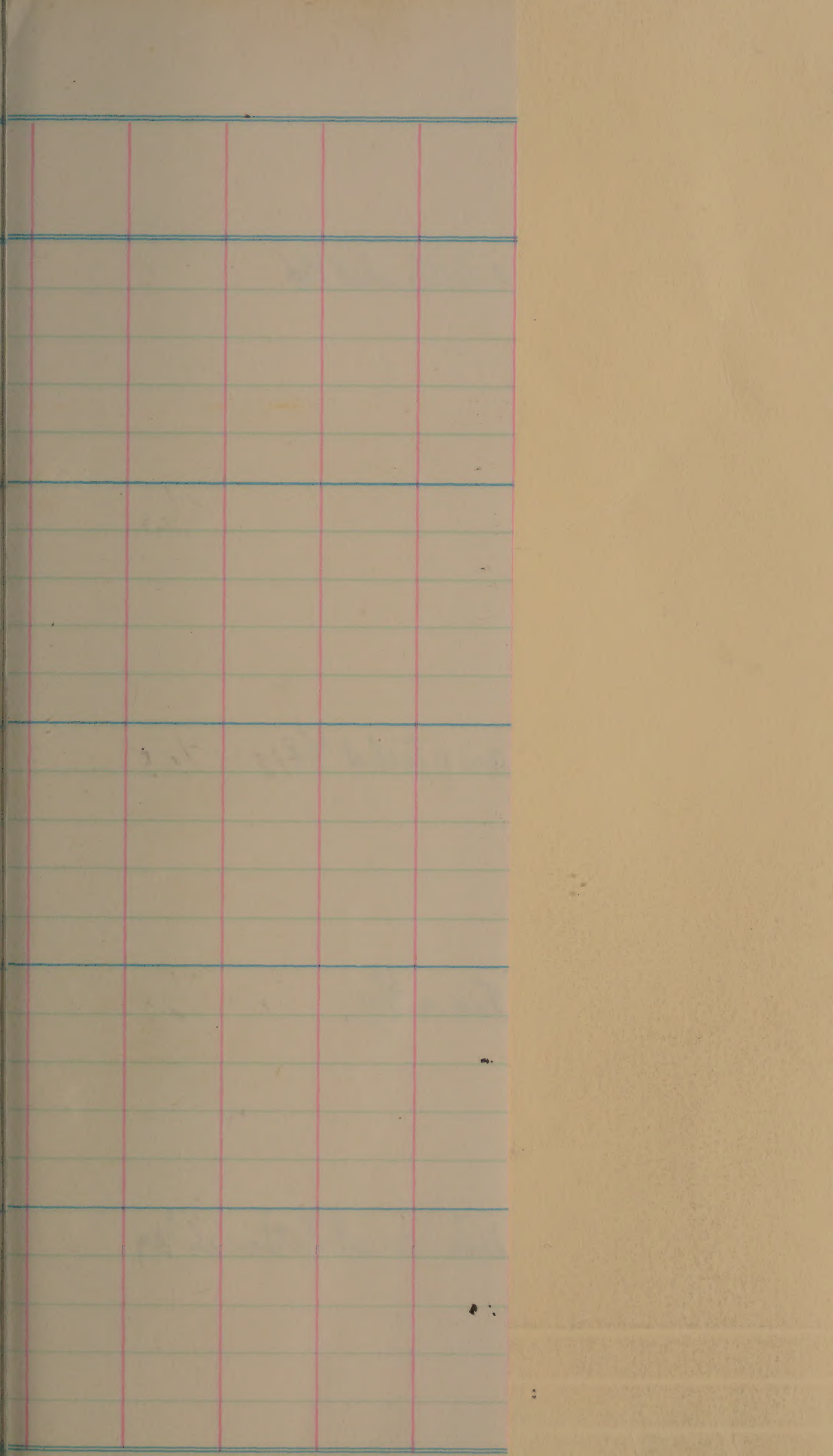
546

5 26

8/14 9/4

B4045-B44-8, 18

R-SBR x BR41



a little short $\frac{1}{19}$

are of tallest $\frac{1}{19}$

Tall on $\frac{1}{19}$

dark color shorter than on $\frac{1}{19}$

Ripe

547 6 10
 Zenith 13
 CI-7787

8/4 8/3

548 7 1
 B4031A1-3-3, 21
 TPxR-SBR

8/13 8/28

549 8 19
 B4031A1-1-4-5, 22
~~TR~~R-SBR

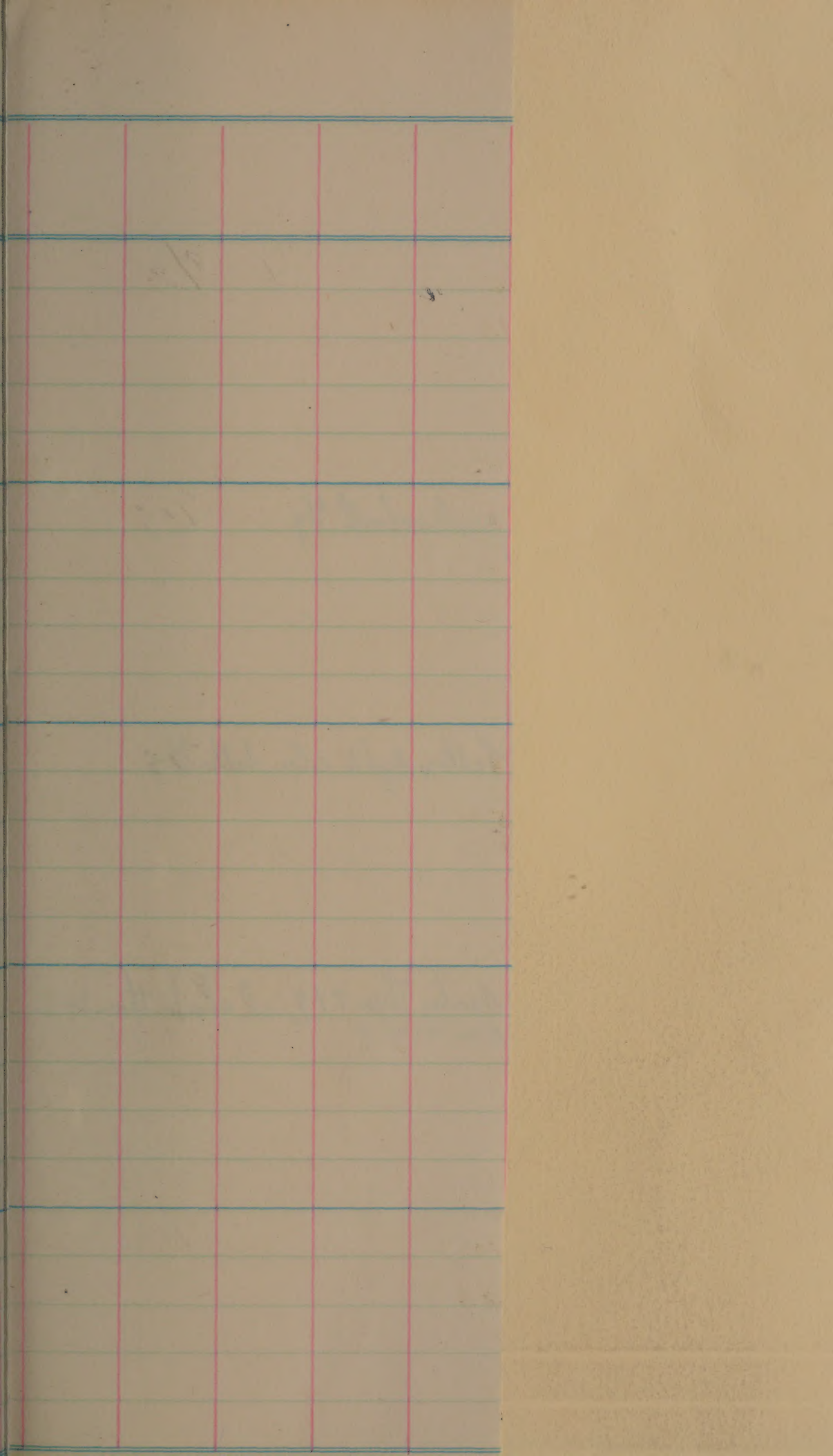
9/1

550 9 150
 B4031A1-1-3, 19
 TPxR-SBR

8/6 8/21

551 10 5
 S41-18608, 23
 RxSBR

9/3



quite short 6/9

Taller lighter color, better 6/9

darker than 549, sl shorter than 549
Beal on 6/19

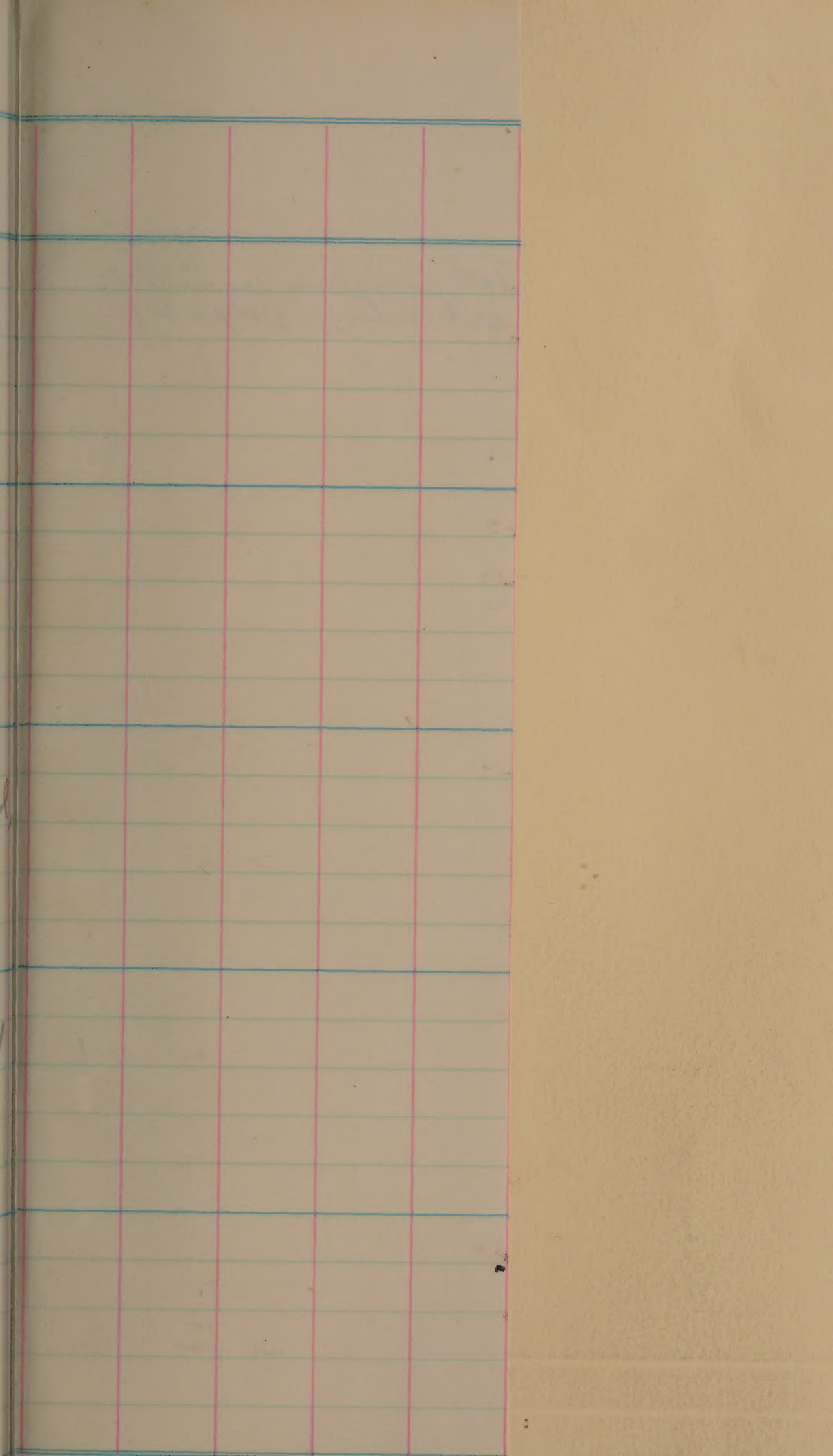
552 11 2 8/9 8/31
 Hill Long 20
 Grain

553 12 50 8/13 9/5
 Bluebonnet 24
 CI-8322
 TS-33104

554 25 17 8/15
 Colusa 25 exceptionally good
 CI-1600 uni heading + ripening
 TS-19798 good yield.

555 26 14 9/2
 Prelude Very heavy grain yield
 CI-8311

556 27 9 8/26
 B404A1-29-4, Very good, more
 BR41xEP uniform at this ep



Tall, wide leaves Virginia 6/19
Best in long al groups on 6/19

557

28 6

8/26

Early Prolific

CI-5883

TS-19861

558

101 40

8/28

Nina

119

CI-2702

TS-19926

559

102

42 part full herd on 8/29

B437B40-9, 117

R x N

560

103

44

part full herd on 8/29

B347B42-10, 118

R x N

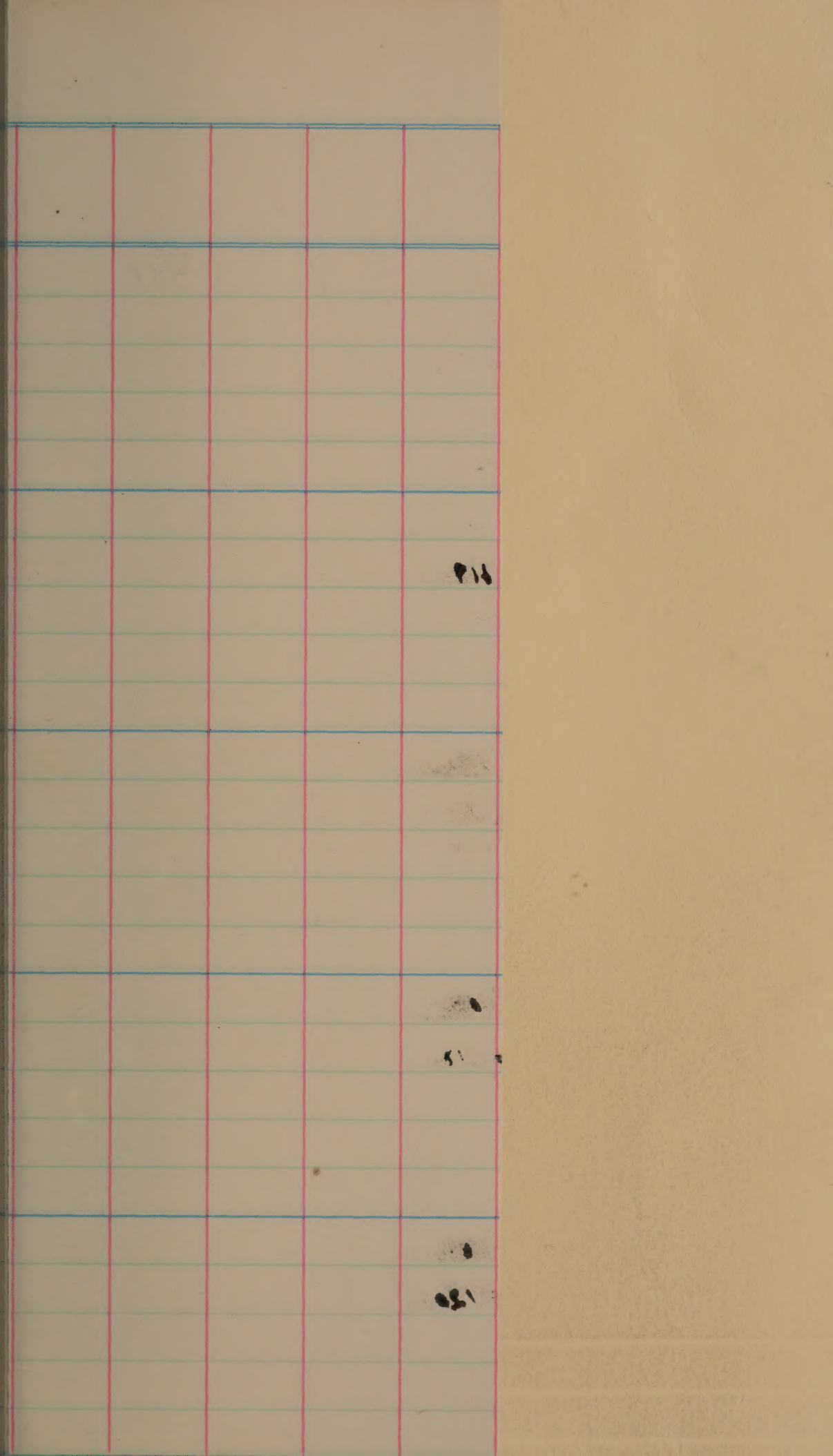
561

104 321

B347B44-15, 120

R x N

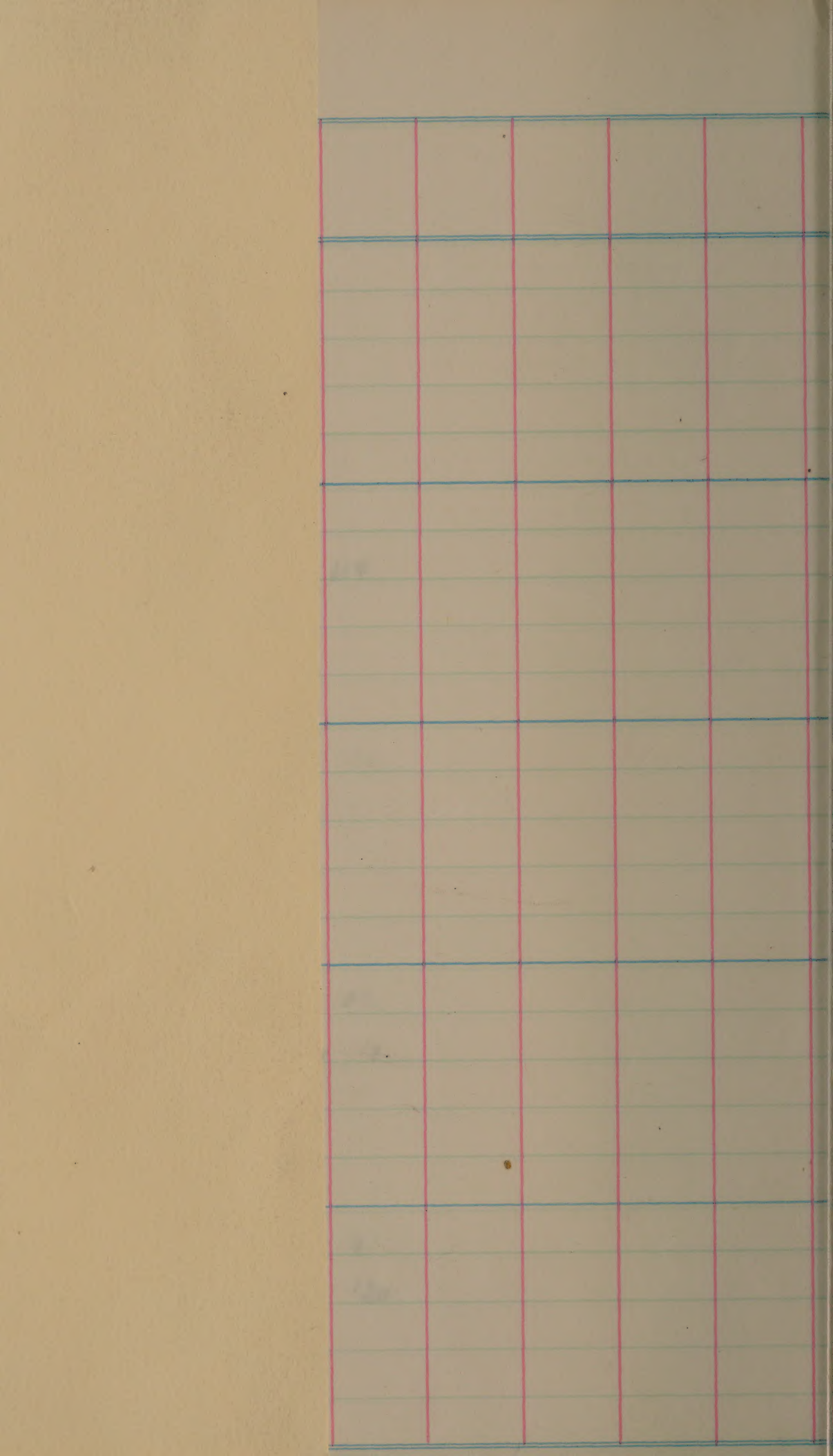
part full herd on 8/29
earlier than other R.



916

51

51



562

105 312

B322B44-5, 116

RxF

8/51

possibly a few days
later than mine

563

104 49

Fortuna

122

564

107 47

Arkansas

121

Fortuna

CI-8309

9/2

565

108 330

B4633A4-30-4/23

TPxR-7689

9/2

Is very good buy.
excellent Patina type

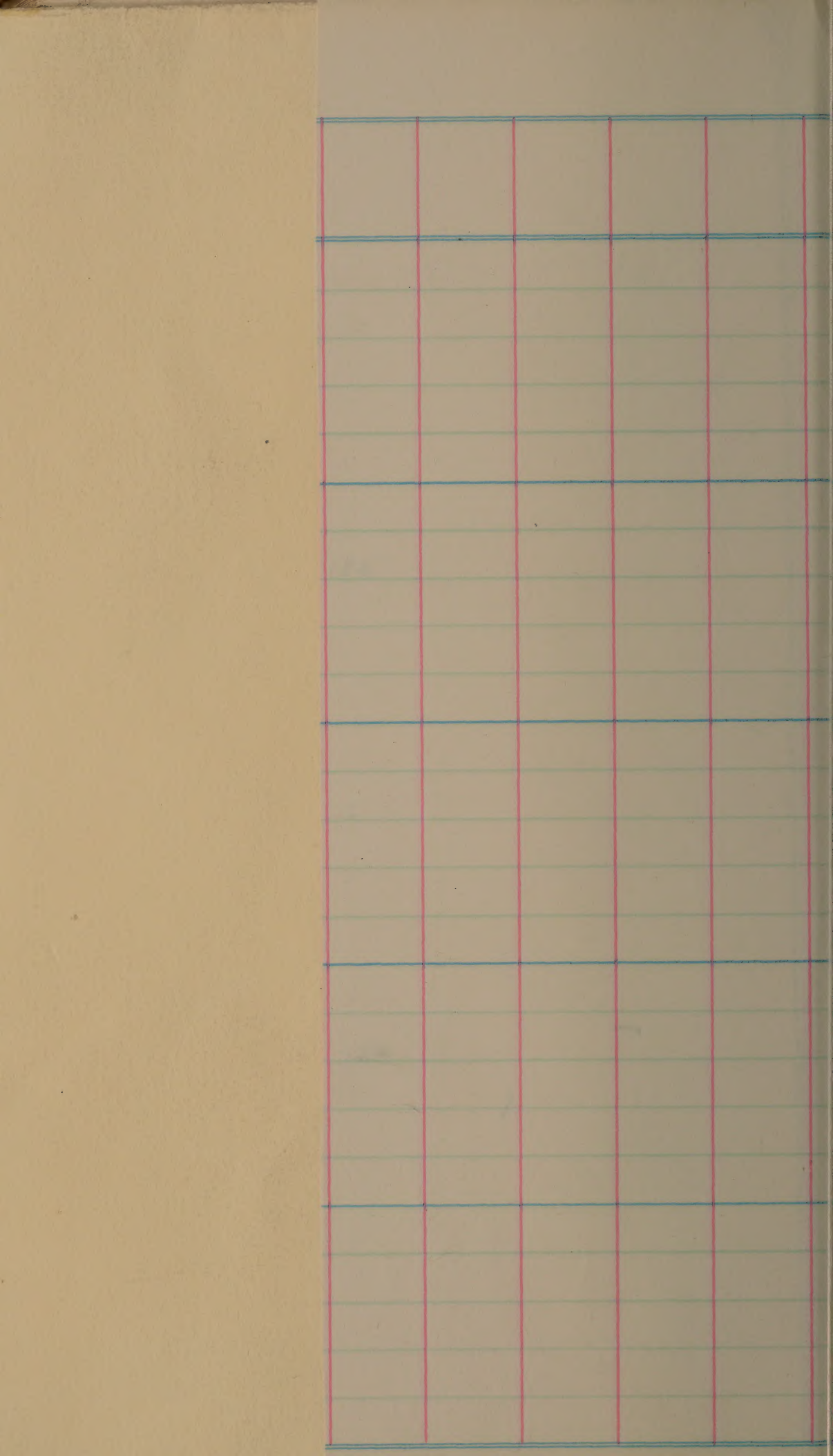
566

109 107

Acadia

CI-1988

TS-19882



567

110 108

9/1

Caloro

CI-1541-1

TS-19799

568

111 110

Calady-40

CI-7686

569

112 109

Asahi

CI-8312

570

113 249

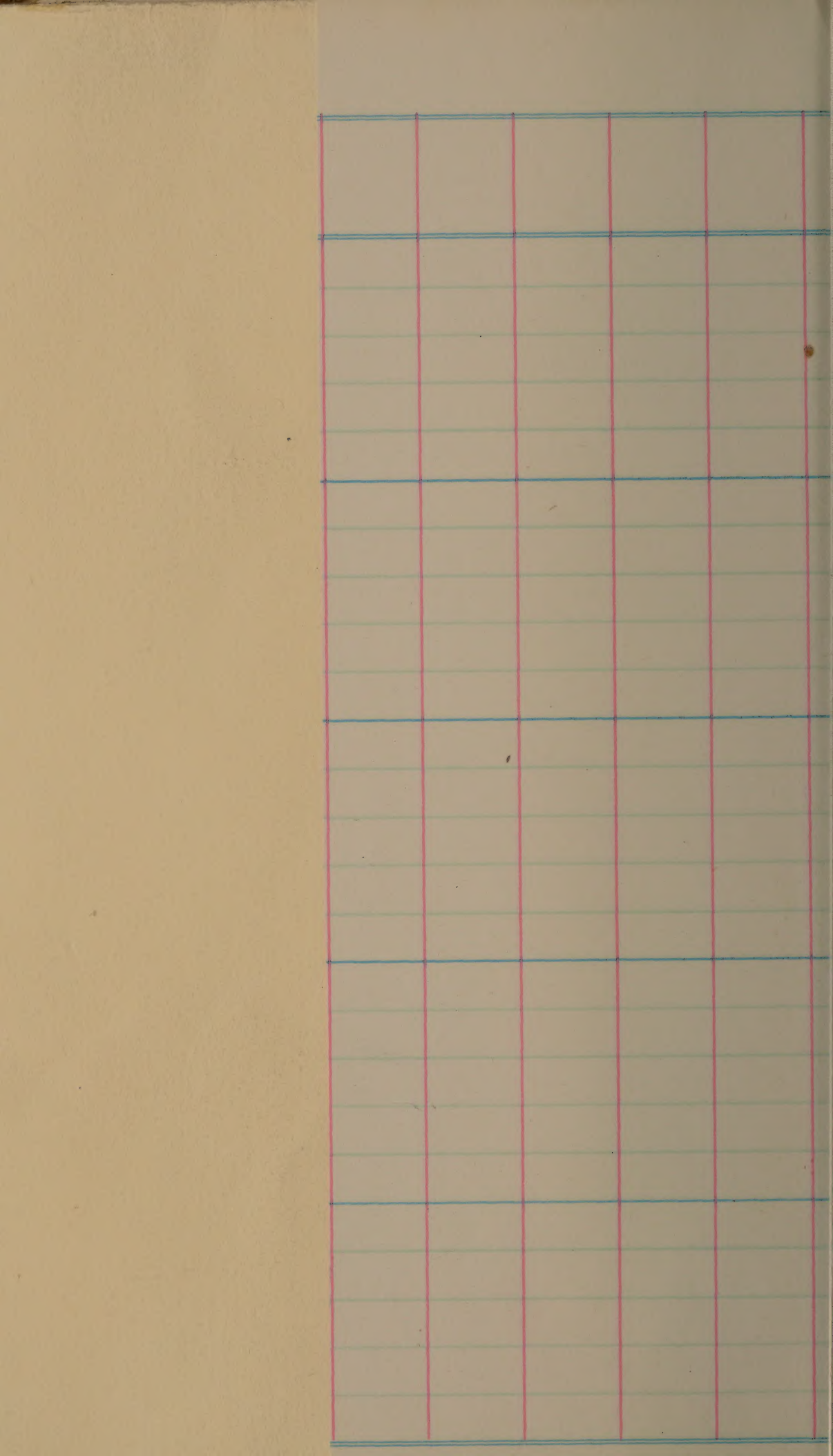
Gunki

571

114 179 8/27

B 3412B41-1, than TP type short clay east.

CAxR



572

115 116

Blue Rose

CI-1962

TS-7183

573

124 133

8/13

B344B41-2,

CA x K

574

125 139

Ryde
8/22

Edith

575

126 13

C6-253-9-2,

E-F x S-F

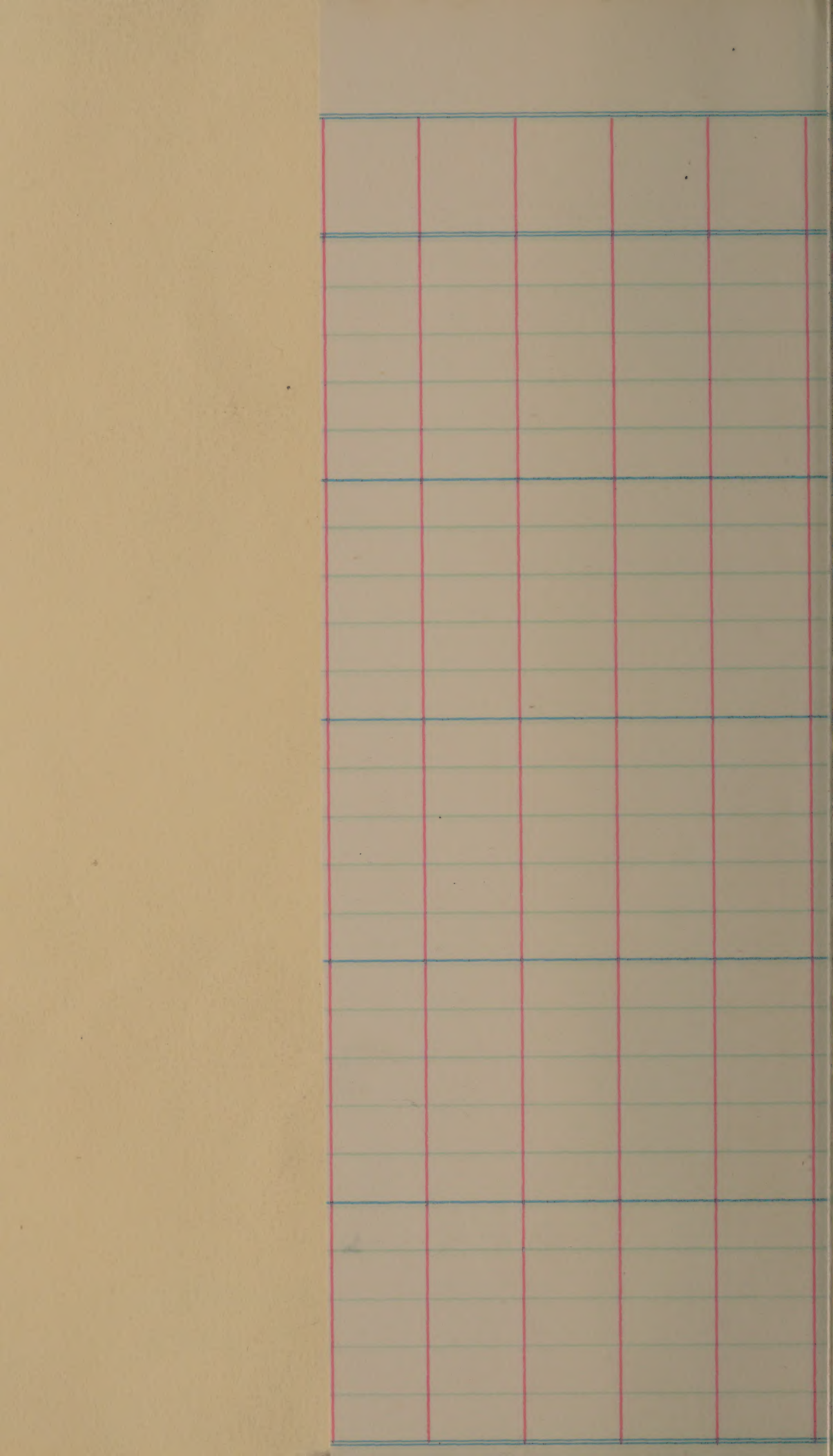
576

127 33

B411A3-7-2,

8323 x Z

One of heaviest plots
in test & good.



577

128 3

8/11

C5-157-6,
Co-DxR

578

201 70

Guidry

215

579

202 78

Rexoro

216

CI-1779

TS-19941

580

203 84

Delrex

218

(Flavored)

CI-8320

581

204 85 8/26

CI-8343

213

(Flavored)

good on 6/19, made leaves the 403/110

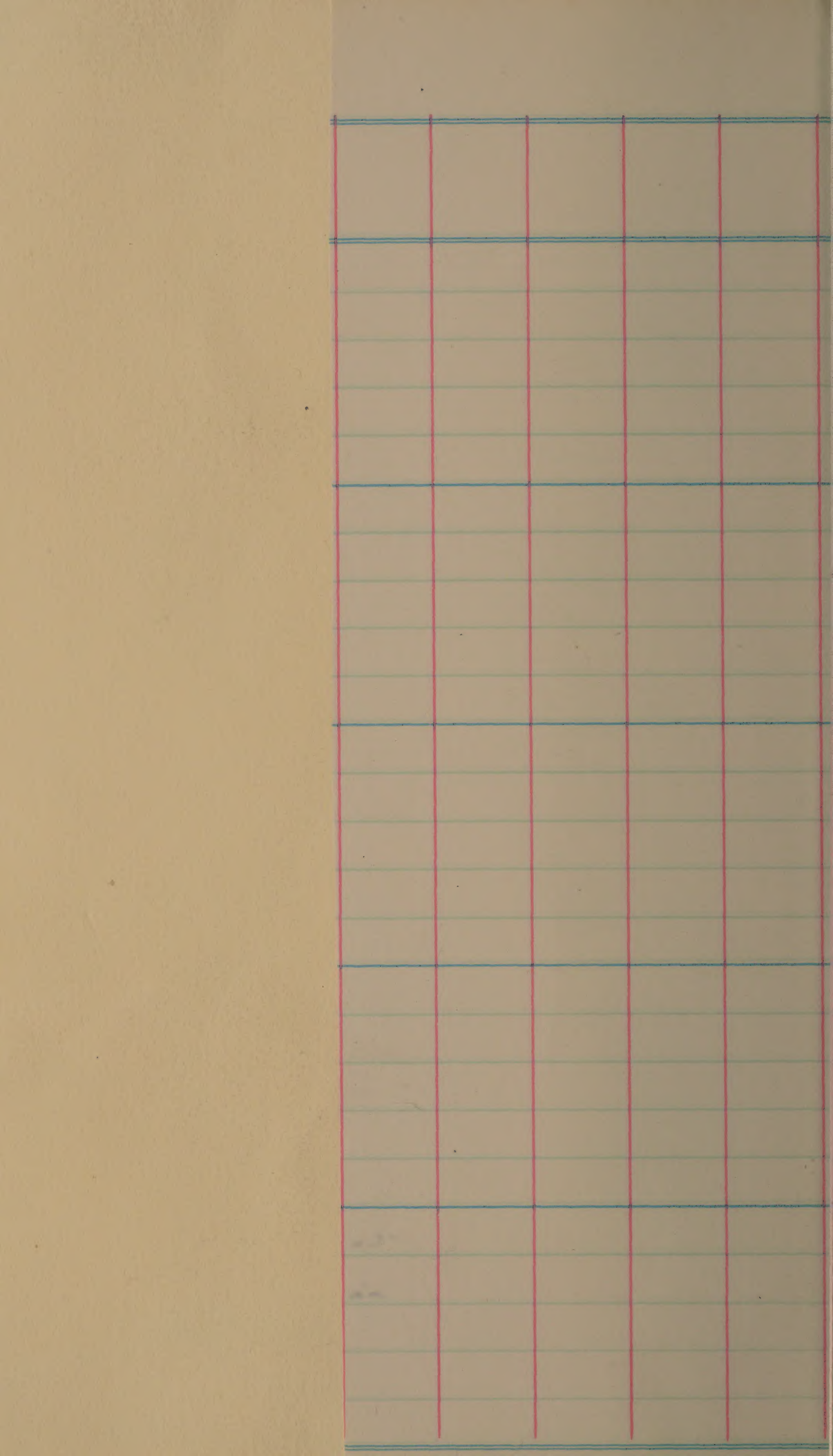
582 205 72
 C3-22, 222
 7/8 Rexono

583 206 71
 C3-10, 220
 7/8 Rexono

584 207 86
 C4-II-1-24-1, 214
 R x BR-R

585 208 75 8/29
 Texas Potna 219

586 209 73 8/28
 B4033A4-38-1, 221
 TP x R-76 89



587

210 91

Hyb. Mix. 9-44-36 217

588

211 180

B44-5067,
CA x R

589

212 176

8/25 9/31

B323A2-14, 223

R x SBR

1. 2. 3. 4. 5.

Beaumont, Texas,

5-10

194 8

M

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